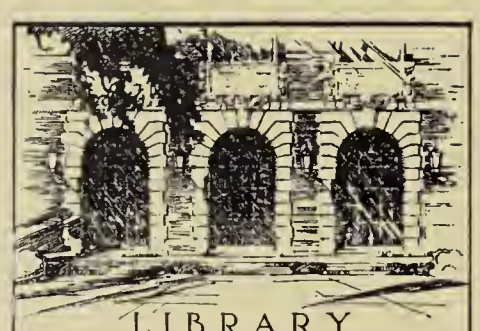

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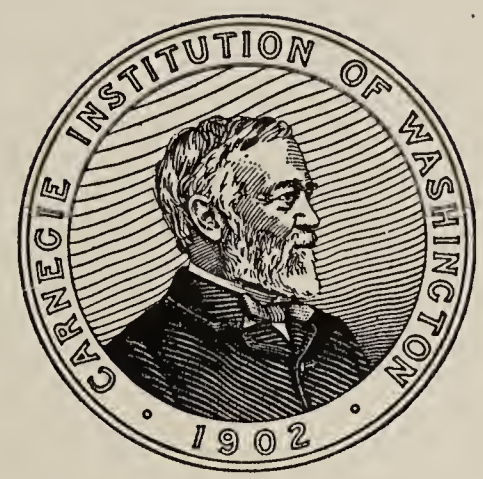

1928

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WASHINGTON, D. C.

SAN LUIS CATALOGUE

OF 15333 STARS FOR THE EPOCH 1910

PREPARED AT THE DUDLEY OBSERVATORY
ALBANY, NEW YORK

UNDER THE DIRECTION OF

LEWIS BOSS (1908–12) and BENJAMIN BOSS (1912–)
DIRECTORS OF THE DEPARTMENT OF MERIDIAN ASTROMETRY
OF THE CARNEGIE INSTITUTION OF WASHINGTON

RICHARD H. TUCKER
IN CHARGE AT SAN LUIS

ARTHUR J. ROY
IN CHARGE OF REDUCTIONS
OF DECLINATIONS

WILLIAM B. VARNUM
IN CHARGE OF REDUCTIONS
OF RIGHT-ASCENSIONS

PUBLISHED BY CARNEGIE INSTITUTION OF WASHINGTON
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SAN LUIS CATALOGUE—ERRATA

Introduction, p. XLII, 13th line from bottom, after "San Luis," insert "in the afternoon."

Introduction, p. XLV, middle of page, for $\rho = +0.006$, read $\rho = \pm 0.000$, and add "Thus, the preliminary values of the latitude and refraction, $\phi = -33° 17' 45''.60$, refraction = Pulkova $-0''.342 \tan z$, have been used in all the reductions."

Number				
151	spacing in notes			
186	spacing in notes			
190	for	21.99	read	21.98
200	for	45.50	read	45.40
323	for	.0402	read	−.0402
326	for	.0054	read	.0053
368	for	+.0126	read	−.0126
684	magnitude 8			
705-6	delete period			
755	for	.122	read	.0122
822	for	24.9	read	24.8
865	for	2.2317	read	2.2315
910	for	0.774	read	.0774
1004	delete period			
1042SP	insert ″			
1102	for	8.1	read	9.5
1107	insert period			
1163	for	53.4	read	53.44
1190	for	.08	read	2.08
1220	insert period			
1320	for 63° read −63°			
1356	delete period			
1426	for	.342	read	3.42
1511	insert period			
1568	for 7 obs. read 8, 7			
1637	for	9½	read	10.0
1821	insert period			
1957	for	10.015	read	10.017
2248	for	7.2	read	7.6
2813	notes: insert ˢ			
3023	for	56.78	read	56.79
3119	for	.0023	read	.0024
3167	for	29.77	read	29.70
3238	for	36.6	read	36.3
3715	for	.962	read	.0962
3798SP	for	9.8	read	9, 8
3975	for −16° read +16°			
4535	for	8.0	read	8.6
4914SP	for		read	19.27
5366SP	for	98	read	9.8
5373SP	insert ″			
5450	for	7.9	read	8.5
5451	for	8.5	read	7.9
5534SP	Insert ˢ ″ ″			
5695SP	insert ″			
6298SP	for	6.7	read	6, 7
6592SP	insert ″ −			
6733	for	6.8	read	6.4
7084	for 4 obs. read 8			
7120SP	insert ˢ ″			
7122	for * read 7.7			
7124	for * read 7.9			
7122-4	delete note			
7365	for	6.17	read	6.2
7632	for	5.62	read	5.6
8022	for	.068	read	.067
8055SP	insert ″			
8172SP	for	16.37	read	16, 37
8243	for	.220	read	.0220
8323	for	5.6010	read	5.6011
9119	for	3.9422	read	3.7422
9399	for	.3096	read	3.096
11877	for	8.5	read	9.3
12692	for	46.88	read	46.90
12846			read	4 obs.
12951	for (?) read 40′			
13012	for (?) read 53° 9′			
14237	for	33.51	read	33.50
14960	for	18.72	read	18.71

SAN LUIS CATALOGUE OF 15333 STARS FOR THE EPOCH 1910

INTRODUCTION

The expeditionary character of the San Luis Observatory calls for a more detailed statement regarding plant, equipment and operations than would be required in the case of a permanent observatory. A full description of essential features is therefore offered, that those who handle the catalogue may judge of its merits and deficiencies.

SCOPE OF THE CATALOGUE

The San Luis Catalogue, made possible through a cooperative arrangement between the Carnegie Institution of Washington and the Dudley Observatory at Albany, New York, embodying the concluded positions of stars observed at San Luis, Argentina, constitutes one of the steps in a general program formulated by Lewis Boss, with the object of producing the positions and motions of all stars brighter than magnitude 7.0, together with those fainter stars which, at the time of the conception of the undertaking, gave promise of yielding determinate motions. Since the derivation of the motion of a star involves the comparison of its positions over a considerable lapse of time, and since in many instances no present-day observations existed, it became necessary to reobserve these stars. Thus the San Luis Catalogue fills many gaps in observational material. It likewise helps to amend the disparity between observations taken in the northern and southern hemispheres.

In addition to the above mentioned motives for undertaking the observations of southern stars, it was realized that a program including observations taken in both the northern and southern hemispheres might be arranged to reconcile some of the bothersome discrepancies encountered in the formation of a smooth system of fundamental star places extending from pole to pole. Past experience in forming fundamental systems has indicated the difficulty in fixing the equator, due to widely varying systematic errors, found even in the case of modern catalogues of high precision. Combinations of catalogues observed nearly simultaneously from northern and southern stations have afforded the best means for linking the star places from pole to pole. These results, however, include outstanding errors due to personality and to the peculiar functioning of the various telescopes employed. Therefore, in formulating the general program it was arranged to observe a selected list of stars with the same instrument, both from the northern and southern hemispheres; moreover, the same observers were in large part engaged upon both series of observations, those taken at Albany, New York, and those at San Luis, Argentina. How far the anticipations were realized may be judged from the presentation of the results in the following pages.

In addition to the measurement of positions at San Luis, it was found necessary to secure reliable magnitudes for many of the fainter stars. The results of the photometric observations undertaken at San Luis are incorporated in the catalogue.

HISTORY

In Year Book No. 2 (1903) of the Carnegie Institution of Washington a description is given of the efforts of Professor W. J. Hussey to locate a promising site for a southern observatory in Australia. His adverse report led to the consideration of other localities. When, in 1908, it became imperative to resolve definitely upon a site, San Luis was chosen upon recommendation of the National Meteorological Office of Argentina. The records showed very little cloudiness, which not only promised the fulfillment of the expedition at an early date, but augured well for the continuity of observation, so necessary in work of a fundamental character. Unfortunately, as subsequently developed, the conditions of the atmosphere were not as steady as was anticipated, a condition which, however, may partly have arisen within the observing room. A preliminary expedition, consisting of Professor Lewis Boss, Professor Richard H. Tucker of the Lick Observatory, and Mr. William B. Varnum, sailed on August 20, 1908, for Buenos Aires, with certain construction material and small apparatus. After a most friendly greeting by Argentine officials the party proceeded to San Luis where they were met by representatives of the Provincial Government.

The site offered by the Argentine Government was located on the grounds of the Escuela Regional. A wide plain extends in every direction to the base of the San Luis Mountains, about 3 kilometers to the northeast. The plain for the most part supports scanty vegetation, but the region immediately surrounding the observatory was under irrigation and covered with a luxuriant growth of alfalfa. The subsoil offered an excellent foundation for the instrumental supports, as it consisted of a sandy loam from 3 to 5 feet in depth overlying a layer of gravel of equal depth, under which lay dry hardened clay.

Construction operations were immediately commenced and on April 6, 1909, the observatory was ready for use. Early in October 1908, Professor Boss had returned to Albany. After dismounting the instrument and making the necessary preparations he sailed from New York for Buenos Aires on January 20, 1909, accompanied by A. J. Roy, Zimmer, Sanford, Fair and Delavan. Professor Boss remained at San Luis only long enough to see the observing successfully launched, leaving Professor Tucker in charge of the expedition. On August 20, 1909, Mearns, M. I. Roy and Jenkins sailed to join the staff at San Luis.

The first observations were taken on April 6, 1909. So vigorously was the program pushed that the meridian observations were completed in January 1911. The stupendous number of 87,000 observations had been amassed in less than 22 months, a record which will probably never again be approached. Over 60,000 observations were taken in one year.

Before his departure for New York, April 3, 1911, a banquet was tendered to Professor Tucker by the citizens of San Luis in recognition of the successful completion of the work. They likewise presented him with a gold medal bearing the inscription

The People of San Luis
To Richard H. Tucker
Observatory of San Luis.

At the same time they handed him a handsomely engraved testimonial to be presented to Dr. R. S. Woodward, then President of the Carnegie Institution of Washington.

The photometric work was not commenced until a few months later. Mr. Meade L. Zimmer, in charge of this work, with his assistant William Hunt, after two months preliminary work at Albany, sailed for Argentina on July 14, 1911. In the brief time between the setting up of the instrument and the termination of the work in February 1913, 20,758 observations were taken.

The only tragedy in connection with the expedition was the loss of Mr. William Hunt, who was drowned November 19, 1911. He was intensely interested in the work and gave promise of exceptional development. Mr. Heroy Jenkins sailed on January 4, 1912, to assist Mr. Zimmer until the completion of the photometric program.

In the negotiations with representatives of the Argentine Government, bringing the proposed expedition to their favorable attention, the Hon. Elihu Root, then Secretary of State, took a warm personal interest in the enterprise and performed a most valuable service, with the cooperation of Senor Don Epifanio Portela, then Argentine minister to the United States. At Buenos Aires, Mr. Walter G. Davis, Director of the National Meteorological Office, and Dr. Leo S. Rowe, now Director General of the Pan-American Union, enlisted the support of Argentine officials on behalf of the enterprise, securing many courtesies. Throughout the entire stay in Argentina, Mr. Davis performed many practical services which are gratefully acknowledged. The Argentine Department of Agriculture, at its own expense, provided us with a large freight car for the prompt transportation of our material to San Luis, and with passenger tickets for the first party sent to San Luis. The Department of Justice offered a site on national property, which was subsequently accepted. At San Luis we are especially indebted for the many offices performed by Dr. Modesto Quiroga, Minister of Government for the Province, who from the first took a personal interest in our work. Mr. Cecil Newton, Director of the National Normal School, which furnished the site for the observatory, was most helpful with his services and hospitality. Senor Don Jose Romanella, Mayor of San Luis, greatly facilitated our operations.

THE OBSERVATORY

The observatory buildings, constructed of brick with wooden roofs and surrounded by a brick wall, consisted of the meridian-circle building, the photometer house, the office building and the dormitory. The observatory

lies in longitude $+4^h\ 25^m\ 22^s$., latitude $-33°\ 17'\ 45''.60$, and is approximately 2,500 feet above sea-level. Construction of the buildings was begun in September 1908 and the instrument was ready for use on April 6, 1909.

The meridian circle building was of the same dimensions as that at Albany and the piers, constructed of concrete, were reproductions of the granite piers at Albany. The piers rested upon a solid concrete block, rising above the level of the ground, which was in turn set upon a large concrete base. Concrete piers were also built for the collimators, for the mire and for the clocks.

THE INSTRUMENTS

The Olcott Meridian Circle of the Dudley Observatory was used for the observations of position. This instrument has been described, but several alterations and improvements have been made, and it is therefore advisable to describe the instrument as used.

The telescope was completed in 1856 by Pistor and Martins. It is equipped with an object glass of 20.3 cm. clear aperture and of 3 meters focal length. The original object glass was refigured in 1878 by Alvan Clark and Sons to give excellent definition. A diaphragm and screen were added to reduce the magnitudes of the brighter stars.

The instrument is provided with two silver circles mounted in brass, one meter in diameter, divided into 2′ spaces. The present divisions were made by Warner and Swasey in 1905 and were thoroughly investigated during the summer of that year.

The steel pivots, 51.5 mm. in diameter, were reground in the fall of 1904 and their errors investigated. The axis of the instrument is one meter in length between the points of support, two Y bearings. Counterpoises relieve the weight of the instrument upon the bearings.

The fixed reticle is provided with three sets of nine vertical wires and a single wire slightly inclined to the horizontal. The latter was employed in the zenith distance observations. A moving vertical wire and a moving zenith distance wire were also provided. Introduction of a self-registering micrometer was considered but, since the observations were started by the key-tapping method, the latter method was continued for the sake of uniformity.

In addition to the meridian circle a photometer of 4-inches aperture was employed in the determination of stellar magnitudes. This telescope was mounted equatorially, with the necessary accessories for convenient use. It contained an absorbing wedge operated by a micrometer.

The expedition was provided with two clocks, Riefler No. 88 serving as the standard clock, and the Dent clock of the Dudley Observatory. Auxiliary apparatus necessary for the work was taken from the Dudley Observatory.

PLAN OF OBSERVATION

Two classes of observation were taken, fundamental and miscellaneous. The fundamental list contained about 1,600 stars; among these the primary standards received at least 16 observations, the secondary standards 12, and the others 8. A list of 28 circumpolar stars, employed for the determination

of azimuth, were given at least 32 observations. The miscellaneous stars, constituting the great bulk of the program, received four observations. For all classes an attempt was made to distribute the observations equally clamp East and clamp West and between the two circles A and B.

The fundamental observers began their program at from three to four o'clock in the afternoon, observing until the dinner hour, after which they resumed the program until near midnight, when the miscellaneous observers came on duty, observing until daybreak. Then the fundamental observers continued their program as far toward noon as the stars remained visible. Each fundamental observer remained on duty for a week to insure the continuity so necessary to fundamental work.

PHOTOMETRIC WORK

Under the heading "Instruments" a brief description is given of the telescope used in the photometric work. This instrument was used mainly upon stars fainter than 6.5 magnitude for which no photometric observations existed. The measures were entirely differential, based on the Harvard magnitudes.

The method of observing consisted in bringing the magnitudes of a star and an artificial star to equality. The current producing the light of the artificial star was governed by a rheostat and was read on a standardized voltmeter capable of recording to 0.01 volts. Thus the artificial star could be kept at constant brightness during an evening's observation. Each night's program included the observation of a sufficient number of Harvard comparison stars—in general one comparison star to every five whose magnitudes were to be determined. The comparison stars were employed in a least squares solution to furnish the reductions for the night.

The mean value for absorption is $0^{m}.25(\sec z-1)$, the value obtained for the northern Harvard measures, though somewhat larger than the mean values for the Arequipa station. While the absorption from individual nights at times deviated considerably from the mean value, in general there was little difference and, as the zenith distance of the South pole is only 57° at San Luis, an error of $0^{m}.1$ in the absorption would introduce an extreme error of $0^{m}.08$ in the derived magnitudes. The mean value of the absorption has therefore been used in the reductions.

In all 20,758 observations were taken, including the observations of the comparison stars; 12,769 by M. L. Zimmer and 7,989 by Heroy Jenkins. 6,725 stars were observed with 1,328 Harvard comparison stars. In addition about 2,500 observations were taken for the determination of the scale value. It was intended that each star should receive two observations and, with few exceptions, this plan was carried out. In some cases three observations were secured. The probable error of a single observation is $\pm 0^{m}.08$.

THE STAFF

The observing staff at San Luis was composed as follows: Richard H. Tucker, in charge, Arthur J. Roy, William B. Varnum, Fundamental Observers; Meade L. Zimmer, Roscoe F. Sanford, Miscellaneous Observers;

Heroy Jenkins, Paul T. Delavan, James M. Fair, Merton I. Roy, Louis Z. Mearns, Circle Readers.

Messrs. Tucker, A. J. Roy, Varnum, Zimmer and Sanford were on duty during the entire program. Mr. Fair remained from the beginning to February 1910. Mr. Delavan was forced to leave in May 1910 on account of eye trouble. Messrs. M. I. Roy, Mearns and Jenkins started observing in September 1909 and Messrs. Jenkins and Mearns remained to the end of the program. Mr. M. I. Roy left in February 1910 on account of eye trouble.

The observing staff for the photometric work was composed of: Meade L. Zimmer, in charge, William Hunt, Heroy Jenkins. Mr. Hunt died November 19, 1911. Mr. Jenkins took up his duties in January 1912.

The computing staff consisted of: Arthur J. Roy, in charge of declinations, and William B. Varnum, in charge of right-ascensions, and Marion F. Benjamin, Mary E. Bingham, Lillian F. Blanchard,* Grace I. Buffum,* Livia C. Clark, Elizabeth Coughlin, Grace Cramer, Edith W. Davies,* Mabel I. Doran, Mabel A. Dyer, Alice M. Fuller, Florence L. Gale, Sherwood B. Grant,* Heroy Jenkins,* Bertha W. Jones, Mary M. Kampf, Isabella Lange,* Marie Lange,* Frances L. McNeill,* Helen McNeill, Harry Raymond,* Roscoe F. Sanford, Carl L. Stearns, Marion E. Vosburgh, Ruth Willstaedt.

ACKNOWLEDGMENTS

Under the heading "History" some of the many courtesies extended to us during the course of this work are acknowledged. There remains the pleasant office of attempting to convey an adequate expression of appreciation for the earnest and enthusiastic efforts of the staff.

In the first place we express our appreciation to Director W. W. Campbell, now president of the University of California, for granting leave of absence to Professor Richard H. Tucker for the period of the expedition, and to Professor Tucker for temporarily postponing his work at the Lick Observatory in order to take charge of the San Luis Observatory. We express our gratitude to him for his efforts on behalf of the work, for the efficient and thorough manner in which he supervised the erection of the buildings, for his personal zeal in carrying out the observing program, and for his excellent administration of the San Luis Observatory.

Because of the splendid spirit and the superb energy manifested by the observing staff at San Luis, it is impossible to single out individuals for special commendation. Whereas the most sanguine predictions anticipated three years as a minimum allowance for the completion of the work, it was finished in less than two years through the indomitable spirit of the staff. That such a strenuous program should be voluntarily assumed amid surroundings which, on account of their strangeness, might be supposed to undermine morale, speaks eloquently for the scientific enthusiasm of the staff.

Finally, though by no means least, we wish to express our appreciation of those who have been engaged upon the long and tedious processes of reducing

* Members of present staff.

the observations. Chief credit for the present volume is accorded Arthur J. Roy and William B. Varnum, who have been associated with the work from its inception to its completion, taking their part in the preliminary arrangements, in the observations, and finally taking charge of the reductions, Mr. Roy supervising reductions in declination and Mr. Varnum those in right-ascension. The experience gained from their long association with the work of Professor Lewis Boss and their participation in the observational program at San Luis particularly fitted them for the reduction of these observations. Whatever credit attaches itself to this catalogue should be accorded chiefly to them.

To Meade L. Zimmer, in charge of the photometric work at San Luis, belongs the credit for the reductions of the San Luis magnitudes employed in this volume. He was ably assisted by Heroy Jenkins.

The advice of Harry Raymond has been most helpful at all stages of the work. Special mention should also be made of the services of Miss Isabella Lange and Miss Grace Buffum, who were engaged upon the more responsible features of the work. However, the entire staff deserves just credit for their industry and the interest shown in the reductions.

RIGHT-ASCENSIONS

An attempt has been made to establish a fundamental catalogue of the right-ascensions from the San Luis observations, as nearly as possible free from all sources of error but that of the equinox. The various steps taken in the reductions follow.

OBSERVED TRANSITS

The transits were taken with the aid of a recording chronograph, except for the circumpolar stars situated between $-85°$ and the pole, which were observed by the eye-and-ear method. The instrument is provided with three groups of wires, designated as the P, M and F sets, each group consisting of nine wires. All transits were reduced to the mean of the middle, or M, set, which differs by $0^s.045$ from the middle wire of the set.

APPARENT PLACE REDUCTIONS

Reductions from apparent to mean place were made with the Independent Day numbers based upon the constants of the Paris conference; but log h and log i were increased 0.00063, corresponding to the value $20''.50$, instead of $20''.47$, for the aberration of light.

EYE-AND-EAR MINUS CHRONOGRAPH

The difference between observations taken eye-and-ear and by chronograph was determined for four observers from special observations of stars in the region of declination $-85°$. For the fifth, Varnum, whose correction is small, it was assumed to be zero. Following are the corrections applied to reduce the chronograph observations to those taken eye-and-ear:

Tucker	$+0^s.0265$	$(\sec \phi - \sec \delta)$
Roy	+ .0012	
Varnum	.0000	
Zimmer	+ .0241	
Sanford	+ .0388	

EFFECT OF FEET NORTH OR SOUTH

The effect due to the different direction of the star transits was determined from observations of stars situated within 5° of each side of the zenith. The corrections are given below.

	N–S
Tucker	$-0^s.011$
Roy	− .036
Varnum	− .046
Zimmer	− .029
Sanford	− .018

This correction was assumed to be zero for eye-and-ear observations. It was applied to the chronograph observations between the zenith and the pole and, for convenience in application, a table was made out for the combined effect of this correction and that given in the preceding section.

MAGNITUDE CORRECTION

The Olcott Meridian Circle is provided with a diaphragm which reduces the magnitude by $1^m.5$. A screen still further reduces the brightness of a star

by $3^m.9$. By employment of clear aperture, the diaphragm or a combination of diaphragm and screen, the magnitudes were reduced to approximate equality. This arrangement also provided a means of determining the magnitude equation of the observers. The results applicable to stars on both sides of the zenith are as follows:

Observer	South of zenith	North of zenith
Tucker.....	$-0^s.0096$ (m−3.5)	Curve
Roy.....	− .0029	$-0^s.0151$ (m−3.5)
Varnum.....	− .0026	− .0099
Zimmer.....	− .0083	− .0112
Sanford.....	− .0104	− .0051

As indicated by the table, a curve was drawn to represent the magnitude equation of Tucker for stars north of the zenith.

PIVOT CORRECTION

An outline of the method employed in determining the pivot corrections is given in *Astronomical Journal* No. 572, vol. 24, 167, 1905, together with the results obtained from observations of that date. A redetermination was made in 1909 at San Luis. The mean of the two, shown in table 1, was applied to the San Luis transits.

TABLE 1—*Pivot corrections*

	Cl. East		Cl. West			Cl. East		Cl. West	
δ		sec δ		sec δ	δ		sec δ		sec δ
+ 50°	$-0^s.001$	$-0^s.002$	$-0^s.005$	$-0^s.008$	− 40°	$-0^s.008$	$-0^s.010$	$+0^s.012$	$+0^s.016$
+ 40	+ .012	+ .016	− .009	− .012	− 50	+ .003	+ .004	+ .009	+ .014
+ 30	+ .019	+ .022	− .016	− .018	− 60	+ .015	+ .030	+ .001	+ .001
+ 20	+ .020	+ .021	− .020	− .022	− 70	+ .020	+ .059	− .009	− .027
+ 10	+ .015	+ .015	− .021	− .021	− 80	+ .021	+ .120	− .017	− .098
0	+ .005	+ .005	− .019	− .019	− 90	+ .019		− .020	
− 10	− .004	− .004	− .012	− .012	−100	+ .013	− .076	− .018	+ .103
− 20	− .010	− .011	+ .001	+ .001	−110	+ .008	− .024	− .007	+ .021
− 30	− .012	− .014	+ .010	+ .012					

COLLIMATIONS

The correction for collimation was determined from frequent reversals on the nadir and mire. A constant difference between the nadir and mire collimations was applied to the nadir collimations to reduce to the mire. The observations can best be represented by a constant plus a term depending upon the temperature. The constants derived for different periods, and referred to the middle wire, are given in table 2 under the heading M5. The same quantities referred to the mean of the wires are given in the column headed Mo. To obtain the collimation at temperature T°, add $+0.005 \times T$ for clamp west, $-0.005 \times T$ for clamp east, where T represents the temperature indicated by the thermometer attached to the barometer. The aberration constant, $-0^s.018$, was applied when reducing the collimation from M5 to Mo.

TABLE 2—*Stellar collimations for 0°.0 C.*

Series		Date			Clamp	M5	Redn. to M0	M0
1 to 11		April 6 to	April 16,	1909	E	−0ˢ.058	+0ˢ.027	−0ˢ.031
Changed.								
12	33	April 17	May 1,		E	+ .133	+ .027	+ .160
34	67	May 3	May 29,		W	− .133	− .063	− .196
68	104	May 30.8	June 26,		E	+ .133	+ .027	+ .160
105	136	June 27	July 26,		W	− .133	− .063	− .196
137		July 26.8	July 27,		E	+ .133	+ .027	+ .160
138	168	July 28	Aug. 19,		E	+ .153	+ .027	+ .180
169	185	Aug. 20	Sept. 2,		W	− .153	− .063	− .216
Changed.								
186	196	Sept. 5.8	Sept. 11,		W	− .056	− .063	− .119
197	230	Sept. 12	Oct. 19,		E	+ .016	+ .027	+ .043
231	268	Oct. 20	Nov. 22,		W	− .013	− .063	− .079
269	303	Nov. 22.9	Dec. 16,		E	+ .016	+ .027	+ .043
304	332	Dec. 18	Jan. 12,	1910	W	− .016	− .063	− .079
333	334	Jan. 13			W	− .039	− .063	− .102
335	364	Jan. 13.8	Feb. 4,		E	+ .039	+ .027	+ .066
365	405	Feb. 5	Mar. 9,		W	− .039	− .063	− .102
406	426	Mar. 9	Mar. 24,		E	+ .039	+ .027	+ .066
427	441	Mar. 28	April 9,		E	+ .053	+ .027	+ .080
442	460	April 10	April 25,		W	− .053	− .063	− .116
461	478	April 25.8	May 8,		E	+ .053	+ .027	+ .080
479	492	May 9	May 21,		W	− .053	− .063	− .116
493	496	May 22.8	May 24,		E	+ .053	+ .027	+ .080
497	507	May 26	June 3,		E	+ .075	+ .027	+ .102
508	531	June 3.8	June 23,		W	− .075	− .063	− .138
532	546	June 24	July 8,		E	+ .075	+ .027	+ .102
547	562	July 13	July 29,		W	− .075	− .063	− .138
563	575	July 30	Aug. 18,		E	+ .075	+ .027	+ .102
576	587	Aug. 19	Sept. 13.8,		W	− .075	− .063	− .138
588	597	Sept. 13.8	Sept. 28,		E	+ .075	+ .027	+ .102
598	609	Sept. 29	Oct. 24,		W	− .075	− .063	− .138
610	617	Oct. 25	Nov. 7,		E	+ .075	+ .027	+ .102
618	623	Nov. 8	Nov. 18,		W	− .071	− .063	− .134
624	634	Nov. 21	Dec. 13,		E	+ .071	+ .027	+ .098
635	647	Dec. 14	Jan. 9,	1911	W	− .071	− .063	− .134
648	654	Jan. 11	Jan. 29,		E	+ .036	+ .027	+ .063

CORRECTIONS FOR LEVEL

The corrections for level were derived from readings made on the nadir. Observations were made by the fundamental observer at least twice in the afternoon, three times in the evening and at least twice in the morning. The miscellaneous observer took three observations during the second half of the night. An attempt was made to derive a temperature effect, but on account of the anomalies it was not used. It was found best to fit the observations with smooth curves.

MIRE READINGS

The San Luis mire was situated north of the instrument. Readings on the mire mark, made along with the nadir readings, were corrected for collimation, reduced to the mean wire and plotted. The systematic differences between observers were found. The readings from the curves were accepted as definitive.

AZIMUTH AND CLOCK CORRECTIONS

In the reduction of the San Luis transits an attempt has been made to treat the material in a manner to free the resulting right-ascensions as far as possible from systematic errors.

TABLE 3—*Primary clock stars*

P.G.C.	δ	α 1910			μ	Ep	p. e. α 10	Δα	$\Delta\alpha_\alpha$	$\Delta\alpha_\delta$	Δα′	Tr.	Obs.	Pl.
	°	*h*	*m*	*s*	*s*		*s*	*s*	*s*	*s*	*s*	*s*		*s*
10	+28.6	0	3	43.972	+0.0106	65.9	±0.004	+0.001	+0.007	+0.007	−0.013	±0.024	76	±0.003
27	+14.7		8	35.978	0000	67.6	.004	+ .017	+ 7	+ 6	+ .004	.023	88	.003
53	− 9.3		14	50.556	− .0012	76.9	.005	+ .002	+ 7	− 3	− .002	.019	46	.003
90	− 4.5		25	26.726	+ .0005	76.4	.005	− .012	+ 6	− 2	− .016	.024	43	.004
147	−18.5		39	4.355	+ .0160	68.9	.005	+ .021	+ 6	− 6	+ .021	.021	62	.003
164	+23.8		42	33.914	− .0074	79.5	.005	+ .011	+ 6	+ 5	.000	.029	34	.005
226	+ 7.4		58	16.243	− .0054	75.9	.004	− .005	+ 5	− 3	− .007	.021	54	.003
313	− 8.6	1	19	31.468	− .0054	70.5	.005	+ .009	+ 4	− 3	+ .008	.016	39	.003
335	+14.9		26	39.913	+ .0020	75.4	.004	+ .004	+ 4	+ 7	− .007	.014	19	.003
378	+ 5.0		36	44.767	− .0014	75.0	.005	− .016	+ 3	− 3	− .016	.020	45	.003
393	+ 8.7		40	38.343	+ .0046	74.1	.005	− .002	+ 3	− 2	− .003	.015	31	.003
416	−10.8		47	1.056	+ .0025	76.7	.005	− .018	+ 3	− 4	− .017	.026	18	.006
421	+29.1		47	56.845	+ .0013	78.9	.005	− .026	+ 3	+ 6	− .035	.024	12	.007
428	+20.4		49	39.922	+ .0068	74.8	.004	+ .016	+ 3	+ 7	+ .006	.019	54	.003
477	+23.0	2	2	5.796	+ .0137	66.9	.003	+ .019	+ 2	+ 5	+ .012	.024	65	.003
530	− 3.4		14	47.926	− .0001	75.9	.005	− .015	+ 2	− 3	− .014	.024	29	.004
560	+ 8.1		23	22.308	+ .0026	75.4	.005	+ .004	+ 1	− 3	+ .006	.022	52	.003
604	− 0.1		34	52.071	+ .0007	76.3	.005	+ .009	+ 1	− 3	+ .011	.014	18	.003
622	+ 2.9		38	38.136	− .0098	67.8	.005	+ .025	+ 1	− 3	+ .027	.022	8	.008
629	+ 9.7		40	4.484	+ .0190	77.0	.005	+ .005	+ 1	− 1	+ .005	.016	29	.003
643	+26.9		44	40.958	+ .0050	77.1	.005	+ .008	+ 1	+ 9	− .002	.026	45	.004
665	− 9.3		52	1.800	+ .0054	76.9	.005	− .024	0	− 3	− .021	.018	46	.003
691	+ 3.7		57	34.385	− .0009	69.6	.003	+ .010	0	− 3	+ .013	.019	71	.002
718	+19.4	3	6	28.788	+ .0107	75.2	.004	+ .014	0	+ 9	+ .005	.024	38	.004
778	+ 8.7		19	58.087	− .0045	78.1	.005	− .005	− 1	− 2	− .002	.020	62	.003
804	+12.6		25	54.115	+ .0012	78.6	.005	− .004	− 1	+ 2	− .005	.019	38	.003
814	− 9.8		28	41.376	− .0657	74.0	.005	− .022	− 1	− 4	− .017	.021	54	.003
869	+23.8		42	7.905	+ .0014	70.2	.005	+ .007	− 2	+ 5	+ .004	.028	36	.005
915	−13.8		53	49.794	+ .0046	72.1	.005	− .023	− 3	− 2	− .018	.019	54	.003
920	+12.2		55	41.526	− .0004	78.6	.005	− .005	− 3	+ 1	− .003	.018	50	.003
963	− 7.1	4	7	28.274	+ .0006	76.9	.005	− .011	− 3	0	− .008	.021	37	.003
1000	+15.4		14	40.185	+ .0081	73.6	.005	− .013	− 3	+ 8	− .018	.021	38	.003
1017	+17.3		17	44.554	+ .0077	79.4	.005	− .008	− 4	+ 10	− .014	.021	30	.004
1044	+19.0		23	21.573	+ .0080	75.0	.004	− .017	− 4	+ 10	− .023	.016	36	.003
1077	+16.3		30	45.301	+ .0048	66.2	.003	+ .017	− 4	+ 9	+ .012	.028	36	.005
1107	+22.8		36	50.488	+ .0004	77.9	.005	− .011	− 4	+ 5	− .012	.021	47	.003
1123	− 3.4		41	0.090	+ .0013	75.0	.005	− .038	− 4	− 3	− .031	.018	29	.003
1159	+ 2.3		49	33.731	− .0002	80.2	.005	.000	− 5	− 3	+ .008	.020	16	.005
1194	+21.5		57	42.879	+ .0048	77.2	.005	− .003	− 5	− 4	+ .006	.024	29	.004
1220	− 5.2	5	3	25.485	− .0059	79.7	.005	− .021	− 5	− 2	− .014	.019	49	.003
1250	− 8.3		10	12.740	+ .0001	66.9	.003	− .009	− 5	− 2	− .002	.023	42	.004
1303	+ 6.3		20	18.198	− .0005	77.4	.004	− .007	− 6	− 3	+ .002	.017	32	.003
1304	+28.5		20	36.106	+ .0024	65.7	.004	.000	− 6	+ 7	− .001	.032	28	.006
1339	− 0.4		27	24.493	+ .0001	68.8	.004	− .017	− 6	− 3	− .008	.016	60	.002
1370	− 1.3		31	38.781	.0000	69.4	.005	− .009	− 6	− 3	.000	.018	26	.004
1375	+21.1		32	15.914	+ .0002	75.3	.005	+ .027	− 6	+ 6	+ .027	.023	21	.005
1435	− 9.7		43	29.269	+ .0002	77.0	.005	+ .001	− 6	− 4	+ .011	.017	29	.003
1468	+ 7.4		50	17.956	+ .0019	66.2	.003	− .009	− 7	− 3	+ .001	.021	45	.003
1525	+14.8	6	2	25.988	+ .0006	79.7	.004	− .011	− 7	+ 6	− .010	.023	23	.005
1561	+22.5		9	26.701	− .0045	73.8	.005	+ .008	− 7	+ 5	+ .010	.021	51	.003
1604	+22.6		17	30.967	+ .0044	69.5	.005	− .002	− 8	+ 5	+ .001	.020	31	.004
1609	−17.9		18	44.170	− .0005	75.7	.005	− .003	− 8	− 6	+ .011	.019	27	.004
1690	+16.5		32	30.801	+ .0031	73.7	.005	+ .001	− 8	+ 10	− .001	.021	59	.003
1706	+10.0		36	1.309	+ .0002	80.9	.005	− .010	− 8	− 1	− .001	.023	30	.004
1717	+25.2		38	23.754	.0000	74.8	.004	− .009	− 8	+ 7	− .008	.026	53	.004
1725	+13.0		40	14.314	− .0078	80.3	.005	− .004	− 8	+ 2	+ .002	.020	26	.004
1732	−16.6		41	10.879	− .0374	71.0	.....	− .025	− 8	− 3	− .014	.021	51	.003
1815	+20.7		58	46.320	− .0003	75.1	.004	− .015	− 9	+ 7	− .013	.022	41	.003
1886	+16.7	7	12	55.301	− .0033	79.6	.004	+ .014	− 9	+ 10	+ .013	.017	30	.003
1898	+22.1		14	44.967	− .0013	68.8	.005	+ .003	− 9	+ 5	+ .007	.030	27	.006
1931	+28.0		20	8.321	− .0086	76.4	.004	− .017	− 9	+ 8	− .016	.025	16	.006
1944	+ 8.5		22	16.254	− .0034	75.9	.005	− .021	− 9	− 2	− .010	.019	46	.003
2008	+ 5.5		34	35.501	− .0526	70.6	.....	− .021	− 10	− 3	− .008	.026	68	.003
2031	+28.2		39	48.652	− .0471	65.9	.003	+ .020	− 10	+ 8	+ .022	.022	40	.003
2131	+28.0		57	59.571	− .0015	77.8	.005	− .013	− 10	+ 8	− .011	.020	38	.003
2153	−24.0	8	3	42.668	− .0065	73.0	.005	− .015	− 10	− 7	+ .002	.022	82	.003
2195	+ 9.5		11	38.127	− .0035	76.5	.005	− .003	− 10	− 2	+ .009	.020	67	.002
2237	− 3.6		21	9.843	− .0044	81.7	.005	− .026	− 10	− 3	− .013	.015	49	.002
2271	+20.7		27	30.374	− .0026	77.0	.005	− .030	− 10	+ 5	− .025	.022	40	.003
2336	+18.5		39	34.342	− .0012	74.4	.005	+ .010	− 10	+ 10	+ .010	.017	28	.003

TABLE 3—*Primary clock stars*—(Continued)

P.G.C.	δ	α 1910			μ	Ep	p. e. α 10	Δα	$\Delta\alpha_\alpha$	$\Delta\alpha_\delta$	′	Tr.	Obs.	Pl.
	°	*h*	*m*	*s*	*s*		*s*	*s*	*s*	*s*	*s*	*s*		*s*
2354	+ 6.7	8	42	0.676	−0.0127	71.6	±0.004	−0.019	−0.010	−0.003	−0.006	±0.020	37	±0.003
2393	+ 6.3		50	38.244	− .0069	81.1	.005	− .018	− 10	− 3	− .005	.017	69	.002
2407	+12.2		53	33.988	+ .0025	75.5	.004	− .016	− 10	+ 1	− .007	.016	38	.003
2445	+11.0	9	2	52.443	− .0013	75.5	.005	− .023	− 10	+ 1	− .014	.021	72	.002
2479	+ 2.7		9	40.976	+ .0087	76.2	.005	− .014	− 10	− 3	− .001	.017	28	.003
2533	− 8.3		23	9.914	− .0011	66.7	.003	− .018	− 10	− 2	− .006	.020	46	.003
2602	+10.3		36	20.921	− .0098	72.5	.005	− .024	− 10	0	− .014	.017	33	.003
2618	+24.2		40	44.729	− .0030	72.5	.004	− .010	− 10	+ 5	− .005	.021	68	.003
2648	+26.4		47	38.867	− .0163	72.6	.005	+ .005	− 10	+ 8	+ .007	.023	43	.004
2680	+ 8.5		55	27.514	− .0023	76.3	.004	− .011	− 10	− 2	+ .001	.019	49	.003
2698	+12.4	10	3	34.845	− .0169	66.6	.003	− .007	− 10	+ 1	+ .002	.019	79	.002
2730	+23.9		11	41.249	+ .0016	78.7	.005	− .011	− 10	+ 5	− .006	.027	26	.005
2742	+20.3		15	0.772	+ .0215	70.2	.005	+ .007	− 10	+ 7	+ .010	.025	39	.004
2804	+ 9.8		28	4.416	− .0005	71.8	.005	− .013	− 10	− 1	− .002	.021	41	.003
2883	+11.0		44	31.671	− .0001	77.7	.004	− .021	− 9	+ 1	− .013	.022	38	.004
2942	+ 7.8	11	0	22.516	− .0233	75.6	.004	+ .006	− 9	− 3	+ .018	.023	20	.005
2972	+21.0		9	19.442	+ .0106	70.5	.004	− .008	− 9	+ 6	− .005	.023	51	.003
2989	−14.3		14	50.407	− .0085	69.5	.005	− .016	− 9	− 2	− .005	.020	41	.003
2990	+ 6.5		16	29.783	− .0063	74.0	.005	− .012	− 8	− 3	− .001	.016	22	.003
3058	− 0.3		32	20.432	.0000	76.2	.005	− .001	− 8	− 3	+ .010	.020	31	.004
3101	+15.1		44	28.214	− .0342	67.0	.003	− .002	− 8	+ 7	− .001	.017	57	.002
3105	+ 2.3		46	0.434	+ .0495	69.7	.004	− .012	− 7	− 3	− .002	.024	34	.004
3155	+ 9.2	12	0	37.507	− .0147	79.2	.004	− .022	− 7	− 2	− .013	.023	32	.004
3210	− 0.2		15	18.057	− .0041	73.0	.005	− .014	− 6	− 3	− .005	.020	50	.003
3256	−16.0		25	12.347	− .0144	74.9	.005	− .012	− 6	− 2	− .004	.019	52	.003
3280	−22.9		29	39.432	.0000	70.2	.005	+ .005	− 6	− 5	+ .016	.022	29	.004
3367	+ 3.9		51	4.163	− .0317	74.3	.005	− .005	− 5	− 3	+ .003	.017	61	.002
3383	+11.4		57	41.815	− .0185	79.3	.004	− .007	− 5	+ 1	− .003	.018	76	.002
3409	− 5.1	13	5	17.317	− .0026	76.7	.004	− .003	− 5	− 2	+ .004	.015	57	.002
3424	+28.3		7	40.472	− .0604	79.7	.005	.000	− 5	+ 7	− .002	.025	40	.004
3449	−22.7		14	1.579	+ .0048	84.9	.005	− .013	− 4	− 5	− .004	.020	31	.004
3476	−10.7		20	27.003	− .0028	66.0	.003	− .005	− 4	− 4	+ .003	.020	71	.002
3508	− 0.1		30	6.370	− .0191	74.2	.004	− .004	− 3	− 3	+ .002	.018	70	.002
3534	− 8.2		36	53.184	− .0069	77.0	.005	+ .009	− 3	− 2	+ .014	.016	18	.004
3558	+17.9		42	59.117	− .0340	78.6	.005	+ .017	− 3	+ 10	+ .010	.024	31	.004
3596	+18.8		50	23.969	− .0045	71.3	.004	+ .007	− 2	+ 10	− .001	.021	47	.003
3612	+ 2.0		57	3.910	+ .0013	74.2	.005	− .018	− 2	− 3	− .013	.022	54	.003
3642	− 9.9	14	8	5.568	+ .0005	72.3	.005	− .019	− 2	− 4	− .013	.019	59	.002
3660	− 5.6		11	17.588	− .0012	79.4	.005	+ .016	− 2	− 1	+ .019	.019	21	.004
3662	+19.7		11	33.376	− .0780	66.3	.003	+ .023	− 2	+ 9	+ .016	.034	22	.007
3771	+27.5		41	3.403	− .0036	68.8	.005	+ .010	− 1	+ 8	+ .003	.020	30	.004
3772	+ 2.3		41	41.858	− .0076	81.0	.005	− .011	− 1	− 3	− .007	.023	22	.005
3787	−15.7		45	53.835	− .0074	67.1	.004	+ .002	− 1	− 2	+ .005	.022	64	.003
3890	− 9.1	15	12	9.724	− .0067	70.3	.005	− .003	+ 1	− 3	− .001	.018	38	.003
3940	+29.4		24	7.088	− .0133	78.7	.005	+ .009	+ 1	+ 4	+ .004	.029	14	.008
3961	+27.0		30	52.624	+ .0090	66.7	.004	+ .008	+ 2	+ 9	− .003	.025	46	.004
4001	+ 6.7		39	50.042	+ .0090	68.0	.003	− .002	+ 2	− 3	− .001	.020	62	.003
4009	+15.7		42	2.001	+ .0049	76.9	.005	− .005	+ 2	+ 8	− .015	.022	37	.004
4016	− 3.2		44	55.314	− .0059	77.7	.005	+ .007	+ 2	− 3	+ .008	.020	31	.004
4026	+ 4.7		46	19.712	+ .0083	74.6	.005	− .010	+ 2	− 3	− .009	.019	30	.003
4066	−22.4		55	0.565	− .0009	73.6	.005	+ .001	+ 3	− 5	+ .003	.032	19	.007
4086	−19.6	16	0	12.090	− .0008	67.6	.005	+ .013	+ 3	− 5	+ .015	.021	47	.003
4134	− 3.5		9	37.665	− .0033	71.4	.004	+ .008	+ 3	− 3	+ .008	.019	71	.002
4147	− 4.5		13	33.466	+ .0053	76.2	.005	+ .015	+ 3	− 3	+ .015	.020	50	.003
4165	+19.4		17	56.954	− .0034	73.0	.005	+ .019	+ 4	+ 9	+ .006	.022	11	.007
4193	−26.2		23	53.234	− .0005	69.2	.005	− .013	+ 4	− 8	− .009	.029	29	.005
4204	+21.7		26	21.011	− .0075	78.8	.005	+ .024	+ 4	+ 5	+ .015	.022	26	.004
4225	−10.4		32	12.094	+ .0008	73.6	.005	+ .004	+ 4	− 4	+ .004	.016	34	.003
4315	+ 9.5		53	24.452	− .0199	74.4	.004	+ .005	+ 5	− 2	+ .002	.019	65	.002
4360	−15.6	17	5	12.926	+ .0025	72.6	.005	+ .005	+ 5	− 2	+ .002	.021	68	.003
4373	+14.5		10	32.587	− .0008	66.7	.004	.000	+ 5	+ 6	− .011	.024	34	.004
4376	+24.9		11	20.065	− .0018	79.4	.005	+ .001	+ 5	+ 7	− .011	.017	20	.003
4399	−24.9		16	28.875	− .0001	73.2	.006	− .003	+ 6	− 8	− .001	.015	31	.003
4459	+12.6		30	45.380	+ .0080	68.3	.003	+ .009	+ 6	+ 2	+ .001	.019	61	.002
4487	+ 4.6		39	1.567	− .0028	73.2	.005	− .002	+ 6	− 3	− .005	.022	53	.003
4497	+27.8		42	56.119	− .0243	75.5	.004	+ .023	+ 6	+ 8	+ .009	.025	55	.003
4581	+ 9.6	18	3	4.947	− .0042	77.3	.005	+ .009	+ 7	− 1	+ .003	.018	31	.003
4604	−21.1		8	22.865	+ .0003	67.4	.005	− .008	+ 7	− 4	− .011	.022	54	.003
4638	− 2.9		16	39.147	− .0376	77.9	.004	+ .019	+ 8	− 3	+ .014	.018	78	.002
4656	+21.7		19	51.749	+ .0138	80.1	.005	+ .012	+ 8	+ 5	− .001	.021	78	.002

TABLE 3—*Primary clock stars*—(Continued)

P.G.C.	δ	α 1910			μ	Ep	p. e. α 10	Δα	Δα_α	Δα_δ	Δα′	Tr.	Obs.	Pl.
	°	*h*	*m*	*s*	*s*		*s*	*s*	*s*	*s*	*s*	*s*		*s*
4665	−25.5	18	22	25.003	−0.0035	76.2	±0.005	+0.004	+0.008	−0.008	+0.004	±0.019	24	±0.004
4784	−26.4		49	41.128	+ .0006	72.8	.005	+ .022	+ 9	− 8	+ .021	.019	28	.004
4858	+13.7	19	1	16.409	− .0006	69.8	.004	+ .011	+ 9	+ 3	− .001	.029	42	.004
4859	− 5.0		1	28.379	− .0017	78.8	.005	+ .003	+ 9	− 2	− .004	.021	32	.004
4874	−21.2		4	24.739	− .0004	74.9	.005	+ .016	+ 9	− 4	+ .011	.014	23	.003
4903	−19.1		12	22.203	− .0009	77.4	.005	− .006	+ 9	− 6	− .009	.018	48	.003
4914	+11.4		13	35.512	− .0001	78.5	.005	+ .019	+ 9	− 4	+ .014	.021	41	.003
4953	+ 2.9		20	57.647	+ .0169	70.4	.004	+ .016	+ 9	− 3	+ .010	.019	31	.003
4986	+27.8		27	5.496	− .0002	76.4	.004	+ .010	+ 9	+ 8	− .007	.025	54	.003
5047	+10.4		41	58.863	+ .0009	67.5	.003	+ .007	+ 10	0	− .003	.020	50	.003
5052	+18.3		43	22.473	+ .0001	80.8	.005	+ .048	+ 10	+ 10	+ .028	.026	16	.006
5062	+ 8.6		46	23.546	+ .0361	68.8	.003	+ .019	+ 10	− 2	+ .011	.022	77	.003
5093	+ 6.2		50	53.539	+ .0023	67.2	.003	+ .022	+ 10	− 3	+ .015	.019	53	.003
5118	+19.2		54	45.263	+ .0042	78.8	.005	+ .018	+ 10	+ 10	− .002	.022	38	.004
5129	−28.0		57	7.580	+ .0027	78.2	.006	+ .001	+ 10	− 9	.000	.023	24	.005
5171	− 1.1	20	6	39.711	+ .0021	74.6	.005	+ .010	+ 10	− 3	+ .003	.021	55	.003
5197	−12.8		12	39.632	+ .0010	67.2	.005	+ .009	+ 10	− 2	+ .001	.018	33	.003
5202	−12.8		13	3.736	+ .0040	65.8	.004	+ .019	+ 10	− 2	+ .011	.015	32	.003
5216	−15.1		15	57.359	+ .0024	69.7	.006	+ .020	+ 10	− 2	+ .012	.019	43	.003
5272	+11.0		28	54.804	+ .0006	75.8	.005	− .002	+ 10	+ 1	− .013	.020	48	.003
5291	+14.3		33	19.722	+ .0074	77.0	.005	+ .003	+ 10	+ 5	− .012	.023	39	.004
5310	+15.6		35	27.462	+ .0044	74.4	.004	+ .014	+ 10	+ 8	− .004	.029	26	.006
5337	− 9.8		42	48.307	+ .0019	77.6	.005	.000	+ 10	− 4	− .006	.018	33	.003
5371	− 9.3		47	48.037	+ .0025	75.9	.005	+ .002	+ 10	− 3	− .005	.017	27	.003
5379	+27.7		50	43.405	− .0007	76.8	.005	+ .024	+ 10	+ 8	+ .006	.026	38	.004
5441	−11.7	21	4	41.586	+ .0063	77.5	.005	+ .007	+ 10	− 3	.000	.024	40	.004
5452	+29.9		9	6.310	− .0002	70.6	.005	+ .017	+ 10	+ 2	+ .005	.027	21	.006
5461	+ 4.9		11	19.522	+ .0038	79.5	.005	− .008	+ 10	− 3	− .015	.018	33	.003
5527	− 6.0		26	49.319	+ .0010	69.6	.004	+ .012	+ 10	0	+ .002	.020	75	.002
5551	− 8.3		32	57.708	+ .0075	75.6	.005	+ .008	+ 10	− 2	.000	.021	53	.003
5584	+ 9.5		39	45.943	+ .0017	71.5	.004	+ .004	+ 10	− 2	− .004	.023	47	.003
5623	−14.0		48	23.448	+ .0211	74.1	.005	+ .017	+ 10	− 2	+ .009	.019	24	.004
5627	+25.5		48	57.955	+ .0001	78.2	.005	+ .020	+ 10	+ 8	+ .002	.026	30	.005
5676	− 0.8	22	1	9.715	+ .0009	66.9	.004	+ .012	+ 10	− 3	+ .005	.018	55	.002
5703	+ 5.8		5	39.603	+ .0184	77.2	.005	− .007	+ 10	0	− .017	.019	53	.003
5744	− 8.2		12	5.122	+ .0074	73.1	.004	+ .023	+ 10	− 2	+ .015	.020	29	.004
5761	− 1.8		17	0.486	+ .0082	74.8	.004	+ .018	+ 10	− 3	+ .011	.016	45	.002
5824	− 0.6		30	43.928	+ .0060	73.2	.005	− .002	+ 9	− 3	− .008	.021	57	.003
5853	+10.4		36	58.375	+ .0052	71.8	.004	+ .006	+ 9	0	− .003	.020	30	.004
5865	+29.8		38	46.886	+ .0008	77.5	.005	+ .011	+ 9	+ 2	.000	.028	32	.005
5875	+23.1		42	11.680	+ .0042	77.9	.005	− .003	+ 9	+ 5	− .017	.022	21	.005
5885	+24.1		45	39.473	+ .0107	73.3	.005	+ .007	+ 9	+ 5	− .007	.022	38	.004
5895	− 8.1		47	55.197	+ .0003	74.3	.005	+ .004	+ 9	− 2	− .003	.017	29	.003
5944	+14.7	23	0	16.604	+ .0040	67.0	.004	+ .022	+ 9	+ 6	+ .007	.021	38	.003
5988	+ 2.8		12	29.963	+ .0502	72.0	.005	+ .019	+ 9	− 3	+ .013	.022	28	.004
6031	+ 0.8		22	19.120	+ .0057	74.7	.005	+ .005	+ 8	− 3	.000	.019	36	.003
6077	+ 5.1		35	19.229	+ .0248	71.0	.004	+ .010	+ 8	− 3	+ .005	.021	43	.003
6156	+ 6.4		54	41.334	+ .0101	74.1	.004	− .010	+ 7	− 3	− .014	.021	58	.003
								Secondary clock stars						
73	+ 1.4	0	20	47.292	−0.0013	77.7	±0.007	+0.021	+0.006	−0.003	+0.018	±0.020	12	±0.006
116	− 4.1		30	36.896	+ .0272	74.4	.007	− .003	+ 6	− 3	− .006	.027	20	.006
127	−25.3		32	43.379	+ .1022	83.8	.007	+ .011	+ 6	− 8	+ .013	.026	16	.006
130	+28.8		33	47.781	− .0173	72.8	.007	+ .008	+ 6	+ 6	− .004	.025	24	.005
132	+30.4		34	30.723	+ .0107	75.4	.007	− .022	+ 6	− 1	− .027	.016	12	.005
173	+ 7.1		44	0.689	+ .0055	73.8	.006	+ .018	+ 6	− 3	+ .015	.020	12	.006
191	− 1.6		48	24.426	− .0004	68.8	.007	+ .036	+ 5	− 3	+ .034	.026	24	.005
212	−29.8		54	16.226	+ .0006	83.3	.006	+ .004	+ 5	− 13	+ .012	.024	45	.004
255	−10.7	1	4	3.720	+ .0141	73.3	.008	+ .028	+ 5	− 4	+ .027	.025	17	.006
271	+29.6		6	41.991	+ .0055	78.0	.007	+ .016	+ 5	+ 3	+ .008	.024	25	.005
282	+ 7.1		9	1.611	+ .0089	71.2	.007	+ .012	+ 5	− 3	+ .010	.031	12	.009
295	+ 3.1		13	9.309	− .0034	79.6	.007	+ .006	+ 4	− 3	+ .005	.021	21	.005
300	+26.8		14	30.973	+ .0017	81.1	.005	+ .034	+ 4	+ 9	+ .021	.031	12	.009
391	−16.4		39	53.226	− .1194	75.7	.006	− .016	+ 3	− 3	− .016	.018	21	.004
396	−25.5		41	25.863	+ .0116	81.9	.008	+ .007	+ 3	− 8	+ .012	.024	11	.007
426	+ 2.7		48	53.684	+ .0015	79.1	.006	− .020	+ 3	− 3	− .020	.024	10	.008
453	−21.5		55	45.882	+ .0093	79.6	.007	− .012	+ 2	− 4	− .010	.023	19	.005

TABLE 3—*Secondary clock stars*—(Continued)

P.G.C.	δ	α 1910			μ	Ep	p. e. α 10	$\Delta\alpha$	$\Delta\alpha_\alpha$	$\Delta\alpha_\delta$	$\Delta\alpha'$	Tr.	Obs.	Pl.
	°	*h*	*m*	*s*	*s*		*s*	*s*	*s*	*s*	*s*	*s*		*s*
505	+ 8.4	2	8	13.650	−0.0017	73.6	±0.007	+0.015	+0.002	−0.003	+0.016	±0.015	12	±0.004
518	− 6.8		12	29.604	+ .0061	77.4	.006	+ .004	+ 2	0	+ .002	.021	10	.007
521	+19.5		13	6.977	− .0010	77.0	.007	+ .024	+ 2	+ 9	+ .013	.032	10	.009
543	−24.2		18	25.474	+ .0147	87.8	.008	− .014	+ 1	− 7	− .008	.024	27	.005
597	+21.6		33	42.151	− .0006	83.1	.005	+ .013	+ 1	+ 5	+ .007	.027	15	.007
627	−14.2		39	50.321	− .0005	74.3	.007	+ .011	+ 1	− 2	+ .012	.020	10	.006
648	+14.7		46	31.269	+ .0021	77.4	.007	+ .035	0	+ 6	+ .029	.035	8	.012
650	−21.4		46	57.351	− .0037	76.1	.007	− .010	0	− 4	− .006	.022	14	.006
674	+21.0		54	3.755	− .0011	71.9	.007	+ .015	0	+ 6	+ .009	.014	10	.004
696	−24.0		58	25.429	− .0104	87.4	.007	− .011	0	− 7	− .004	.021	12	.006
723	−29.3	3	8	14.865	+ .0250	79.4	.007	.000	0	− 11	+ .011	.015	29	.003
730	+20.7		9	43.524	− .0017	72.5	.007	− .010	0	+ 7	− .017	.014	9	.005
784	+ 9.4		22	17.375	+ .0040	71.0	.007	+ .009	− 1	− 2	+ .012	.018	9	.006
806	− 5.4		26	9.018	+ .0006	77.3	.008	+ .011	− 1	− 1	+ .013	.027	10	.009
816	−21.9		29	48.742	+ .0028	82.5	.007	− .002	− 1	− 4	+ .003	.020	17	.005
825	+ 0.1		32	16.710	− .0156	70.4	.008	− .003	− 2	− 3	+ .002	.032	6	.013
848	−10.1		38	56.159	− .0063	72.6	.006	− .011	− 2	− 4	− .005	.018	15	.005
873	−23.5		42	58.511	− .0118	83.7	.007	+ .001	− 2	− 6	+ .009	.015	17	.004
877	+23.8		43	48.475	+ .0014	69.1	.007	− .005	− 2	+ 5	− .008	.013	11	.004
932	+ 5.7		58	22.021	+ .0001	81.8	.005	− .009	− 3	− 3	− .003	.019	16	.005
936	+21.8		59	22.316	+ .0067	72.8	.007	− .001	− 3	+ 5	− .003	.013	7	.005
984	− 7.8	4	11	7.772	− .1486	71.6	.007	− .035	− 3	− 2	− .030	.022	13	.006
1079	− 3.5		31	49.263	.0000	82.2	.006	− .013	− 4	− 3	− .006	.014	13	.004
1091	−14.5		34	3.465	− .0054	75.5	.006	+ .008	− 4	− 2	+ .014	.018	23	.004
1140	+ 6.8		44	57.218	+ .0316	72.8	.006	− .017	− 4	− 3	− .010	.020	24	.004
1147	+ 5.5		46	24.684	− .0003	77.6	.006	+ .002	− 5	− 3	+ .010	.019	15	.005
1211	−22.5	5	1	39.061	+ .0019	76.4	.006	− .011	− 5	− 4	− .002	.019	23	.004
1231	− 8.9		4	50.324	+ .0002	70.9	.008	+ .001	− 5	− 3	+ .009	.028	10	.009
1262	− 6.9		13	14.149	− .0011	74.4	.006	− .004	− 5	0	+ .001	.019	14	.005
1347	−17.9		28	45.631	+ .0001	68.5	.006	− .016	− 6	− 6	− .004	.020	25	.004
1366	− 6.0		31	1.813	+ .0002	75.4	.007	− .006	− 6	0	.000	.018	11	.005
1389	− 2.7		34	13.646	.0000	71.8	.007	− .014	− 6	− 3	− .005	.016	10	.005
1398	− 2.0		36	13.046	+ .0005	66.1	.005	− .029	− 6	− 3	− .020	.021	13	.006
1420	−22.5		40	42.684	− .0201	76.7	.007	− .041	− 6	− 4	− .031	.018	29	.003
1432	−14.9		42	52.618	− .0012	76.5	.007	+ .003	− 6	− 2	+ .011	.019	10	.006
1611	+ 4.6	6	18	59.940	− .0008	85.9	.007	− .011	− 8	− 3	.000	.018	11	.005
1635	+20.3		23	37.165	− .0006	77.0	.007	+ .003	− 8	+ 7	+ .004	.015	22	.003
1783	−11.9		50	0.513	− .0093	73.6	.006	− .026	− 9	− 1	− .016	.021	23	.004
1804	−28.8		55	5.332	+ .0001	70.4	.005	− .004	− 9	− 10	+ .015	.022	35	.004
1819	−15.5		59	41.195	− .0001	72.8	.006	− .015	− 9	− 2	− .004	.019	27	.004
1839	−26.2	7	4	43.925	− .0004	76.4	.006	− .025	− 9	− 8	− .008	.023	43	.004
1934	−29.1		20	32.114	− .0007	75.0	.007	− .028	− 9	− 10	− .009	.025	20	.006
2029	+24.6		39	0.975	− .0016	76.6	.005	− .024	− 10	+ 7	− .021	.019	15	.005
2065	−24.6		45	30.546	− .0005	78.3	.006	− .034	− 10	− 8	− .016	.025	24	.005
2075	−13.7		47	36.253	− .0041	77.5	.007	− .030	− 10	− 2	− .018	.021	12	.006
2078	+27.0		47	59.469	− .0022	73.0	.006	− .040	− 10	+ 9	− .039	.024	11	.007
2183	−15.5	8	9	11.771	− .0009	82.9	.006	− .022	− 10	− 2	− .010	.021	24	.004
2295	+ 6.0		32	53.556	− .0049	75.0	.007	− .017	− 10	− 3	− .004	.020	8	.007
2327	+21.8		38	4.797	− .0073	72.1	.006	− .005	− 10	+ 5	.000	.024	15	.006
2348	+29.1		41	15.232	− .0015	81.4	.006	− .021	− 10	+ 6	− .017	.021	9	.007
2501	+18.1	9	13	57.605	− .0081	75.9	.005	− .006	− 10	+ 10	− .006	.026	19	.006
2595	− 0.7		35	15.625	+ .0031	78.2	.007	− .001	− 10	− 3	+ .012	.010	8	.004
2641	− 3.8		46	41.933	+ .0009	88.1	.008	− .003	− 10	− 3	+ .010	.020	5	.009
2690	−12.6	10	0	44.506	− .0025	83.6	.007	− .019	− 10	− 2	− .007	.020	16	.005
2694	+17.2		2	25.678	− .0001	75.0	.005	− .012	− 10	+ 10	− .012	.016	13	.004
2706	−11.9		6	12.025	− .0137	72.1	.007	− .026	− 10	− 3	− .013	.022	12	.006
2771	−16.4		21	44.228	− .0089	76.8	.005	− .026	− 10	− 3	− .013	.018	40	.003
2846	− 1.3		36	49.486	− .0094	82.6	.006	− .021	− 9	− 3	− .009	.016	12	.005
2851	+ 4.1		37	58.647	− .0062	70.4	.007	− .017	− 9	− 3	− .005	.014	10	.004
2854	+23.7		38	31.499	− .0083	82.8	.007	+ .014	− 9	+ 5	+ .018	.022	9	.007
2888	−15.7		45	11.004	+ .0065	69.9	.007	− .010	− 9	− 2	+ .001	.031	14	.008
2925	−17.8		55	23.299	− .0326	76.9	.008	− .001	− 9	− 6	+ .014	.030	21	.006
2927	+ 4.1		55	54.780	+ .0006	74.3	.007	− .003	− 9	− 3	+ .009	.019	20	.004
2950	+ 2.4	11	2	18.810	− .0251	74.4	.007	− .011	− 9	− 3	+ .001	.016	16	.004
2964	−22.3		7	13.813	+ .0001	79.0	.006	− .023	− 9	− 4	− .010	.021	38	.003
2974	+15.9		9	31.131	− .0043	80.4	.005	− .010	− 9	+ 9	− .010	.027	13	.008
2999	+11.0		19	14.000	+ .0105	72.4	.005	+ .016	− 8	+ 1	+ .023	.025	18	.006
3021	+ 3.4		23	18.556	+ .0013	71.5	.006	− .019	− 8	− 3	− .008	.021	20	.005
3087	−17.9		40	11.982	+ .0024	79.6	.007	− .037	− 8	− 6	− .023	.020	28	.004
3139	+ 7.1		56	15.675	− .0003	73.9	.007	− .011	− 7	− 3	− .001	.017	34	.003

TABLE 3—*Secondary clock stars*—(Continued)

P.G.C.	δ	α 1910			μ	Ep	p. e. α 10	Δα	$\Delta\alpha_\alpha$	$\Delta\alpha_\delta$	Δα′	Tr.	Obs.	Pl.
	°	*h*	*m*	*s*	*s*		*s*	*s*	*s*	*s*	*s*	*s*		*s*
3172	−22.1	12	5	29.650	−0.0047	74.2	±0.006	−0.029	−0.007	−0.004	−0.018	±0.019	38	±0.003
3191	−17.0		11	10.556	− .0112	75.0	.006	− .019	− 7	− 4	− .008	.020	35	.003
3257	+21.4		25	12.034	+ .0027	85.9	.007	− .006	− 6	+ 6	− .006	.032	10	.010
3285	+18.9		30	36.981	+ .0003	86.4	.006	− .029	− 6	+ 10	− .033	.030	21	.007
3298	− 7.5		34	35.992	− .0051	75.0	.007	− .012	− 6	− 1	− .005	.018	34	.003
3613	+27.8	13	57	5.639	− .0060	84.4	.005	− .007	− 2	+ 8	− .013	.023	8	.008
3622	−26.2	14	1	14.583	+ .0031	80.9	.007	− .025	− 2	− 8	− .015	.026	28	.005
3635	+25.5		6	17.673	− .0017	85.5	.006	+ .010	− 2	+ 8	+ .004	.025	28	.005
3672	−13.0		14	14.248	− .0015	70.7	.007	− .016	− 2	− 2	− .012	.021	17	.005
3705	+19.6		22	16.168	− .0052	78.4	.007	+ .029	− 1	+ 9	+ .021	.022	18	.005
3710	− 1.8		23	33.829	− .0089	78.2	.006	− .025	− 1	− 3	− .021	.021	17	.005
3752	+14.1		36	51.034	+ .0038	69.8	.008	− .022	− 1	+ 4	− .025	.022	12	.006
3758	− 5.3		38	18.932	+ .0071	76.8	.005	− .033	− 1	− 2	− .030	.031	29	.006
3810	−11.0		51	52.930	− .0001	73.4	.006	− .011	0	− 4	− .007	.022	11	.007
3811	+14.8		51	58.296	− .0013	87.8	.007	+ .010	0	+ 6	+ .004	.028	8	.010
3825	− 8.2		56	9.697	− .0046	74.4	.007	+ .006	0	− 2	+ .008	.021	34	.004
3837	−24.9		58	47.957	− .0056	76.0	.007	− .004	0	− 8	+ .004	.017	17	.004
3842	+27.3	15	0	35.337	− .0133	72.2	.006	+ .014	0	+ 9	+ .005	.042	10	.013
3866	−19.5		7	5.318	− .0026	71.8	.007	+ .003	0	− 6	+ .009	.018	16	.004
3935	−16.4		23	10.708	+ .0011	74.3	.007	− .006	+ 1	− 3	− .004	.043	8	.015
3952	− 9.8		29	15.413	+ .0202	76.2	.007	+ .022	+ 1	− 4	+ .025	.018	11	.005
3959	−14.5		30	29.373	+ .0045	75.3	.005	− .020	+ 2	− 2	− .020	.029	12	.008
3981	−23.5		34	57.467	− .0016	75.6	.009	− .002	+ 2	− 6	+ .002	.032	13	.009
3990	−19.4		36	45.507	− .0032	72.6	.007	+ .006	+ 2	− 4	+ .008	.026	19	.006
3997	−15.4		39	0.466	− .0027	70.3	.008	+ .004	+ 2	− 2	+ .004	.026	13	.008
4015	+18.4		44	41.282	− .0032	81.6	.005	+ .010	+ 2	+ 10	− .002	.025	14	.007
4055	+16.0		52	17.710	+ .0211	71.3	.005	+ .008	+ 3	+ 9	− .004	.029	21	.006
4062	−25.9		53	24.288	− .0011	78.4	.007	− .005	+ 3	− 8	.000	.026	19	.006
4063	+27.1		53	51.634	− .0064	79.9	.006	+ .039	+ 3	+ 9	+ .027	.028	9	.009
4067	−16.3		55	16.425	− .0440	76.6	.007	+ .002	+ 3	− 3	+ .002	.017	8	.006
4117	−19.2	16	6	45.744	− .0008	70.1	.007	+ .009	+ 3	− 6	+ .012	.029	17	.007
4158	−25.4		15	42.945	− .0009	74.8	.007	− .011	+ 4	− 8	− .007	.020	21	.004
4218	−28.0		30	16.656	− .0008	74.3	.007	− .011	+ 4	− 9	− .006	.021	21	.005
4239	−17.6		36	21.956	− .0017	72.2	.008	− .016	+ 4	− 5	− .015	.025	15	.006
4291	+15.1		47	58.930	+ .0006	85.3	.006	+ .053	+ 5	+ 7	+ .041	.033	17	.008
4346	+12.9	17	1	12.248	+ .0036	78.2	.007	− .003	+ 5	+ 2	− .010	.029	24	.006
4420	−24.0		20	52.346	− .0005	75.8	.007	+ .005	+ 6	− 7	+ .006	.025	23	.005
4425	+ 4.2		22	2.911	+ .0002	74.3	.007	+ .010	+ 6	− 3	+ .007	.023	23	.005
4434	−23.9		25	55.412	+ .0001	73.7	.007	− .007	+ 6	− 7	− .006	.018	22	.004
4462	−15.3		32	25.943	− .0030	79.2	.006	+ .012	+ 6	− 2	+ .008	.024	10	.008
4475	−12.8		36	21.350	− .0048	71.8	.007	+ .001	+ 6	− 2	− .003	.024	12	.007
4500	+ 2.7		43	22.761	− .0018	71.0	.006	− .003	+ 6	− 3	− .006	.031	8	.011
4536	− 9.8		54	4.286	− .0008	74.0	.007	− .010	+ 7	− 4	− .013	.029	21	.006
4548	+ 2.9		56	8.233	+ .0001	80.3	.006	− .010	+ 7	− 3	− .014	.021	29	.004
4568	−30.4	18	0	1.563	− .0046	82.1	.007	− .004	+ 7	− 15	+ .004	.031	24	.006
4584	+28.7		4	1.890	+ .0002	78.8	.005	+ .034	+ 7	+ 7	+ .020	.033	14	.009
4628	−29.9		15	13.961	+ .0028	77.5	.007	− .014	+ 8	− 14	− .008	.026	21	.006
4705	− 8.3		30	18.557	− .0015	76.9	.006	+ .003	+ 8	− 2	− .003	.022	29	.004
4736	− 8.4		38	37.165	+ .0013	85.0	.008	− .002	+ 8	− 2	− .008	.028	9	.009
4739	−27.1		40	2.051	+ .0036	75.9	.006	− .006	+ 8	− 8	− .006	.024	27	.005
4753	+20.5		41	47.281	− .0015	75.8	.006	+ .044	+ 8	+ 7	+ .029	.029	26	.007
4756	− 4.8		42	23.951	− .0007	80.5	.007	+ .010	+ 8	− 2	+ .004	.027	13	.008
4802	+ 4.1		51	44.723	+ .0031	71.1	.007	− .003	+ 9	− 3	− .009	.021	25	.004
4809	−21.2		52	21.688	+ .0023	68.5	.009	− .002	+ 9	− 4	− .007	.031	13	.009
4823	+14.9		55	32.235	− .0044	72.0	.005	+ .029	+ 9	+ 7	+ .013	.020	18	.005
4832	−30.0		56	53.211	− .0016	78.8	.007	− .001	+ 9	− 14	+ .004	.026	29	.005
4857	−27.8	19	1	19.340	− .0045	78.7	.007	− .015	+ 9	− 9	− .015	.028	15	.007
4883	− 8.1		7	47.811	+ .0005	81.8	.006	+ .014	+ 9	− 2	+ .007	.018	23	.004
4891	−25.4		10	1.381	+ .0030	76.6	.006	+ .001	+ 9	− 8	.000	.020	25	.004
4950	+11.8		20	40.727	+ .0494	75.7	.007	+ .005	+ 9	− 3	− .001	.029	9	.010
4976	+24.5		24	57.613	− .0093	72.3	.007	+ .003	+ 9	+ 6	− .012	.021	16	.005
4999	−25.1		31	13.926	+ .0053	74.1	.006	− .012	+ 10	− 8	− .014	.019	25	.004
5003	− 7.2		32	3.010	+ .0002	76.9	.006	+ .002	+ 10	0	− .008	.019	18	.005
5201	+24.4	20	12	56.000	+ .0013	87.7	.007	+ .024	+ 10	+ 7	+ .007	.023	8	.008
5240	−18.5		22	10.257	+ .0007	75.7	.006	+ .004	+ 10	− 6	.000	.025	25	.005
5244	−18.1		23	43.715	− .0010	71.7	.006	− .028	+ 10	− 6	− .032	.026	11	.008
5304	+ 9.8		34	45.485	+ .0213	82.2	.007	+ .006	+ 10	− 1	− .003	.035	8	.012
5306	−18.5		34	55.676	− .0020	75.8	.007	− .014	+ 10	− 6	− .018	.018	8	.006
5323	+14.8		39	15.427	− .0016	76.5	.006	+ .028	+ 10	+ 6	+ .012	.024	12	.007
5328	−25.4		40	46.145	− .0042	77.9	.007	+ .011	+ 10	− 8	+ .009	.022	21	.005

TABLE 3—*Secondary clock stars*—(Continued)

P.G.C.	δ	α 1910			μ	Ep	p. e. α 10	Δα	$\Delta\alpha_\alpha$	$\Delta\alpha_\delta$	Δα′	Tr.	Obs.	Pl.
	°	h	m	s	s		s	s	s	s	s	s		s
5427	−17.6	21	0	53.386	+0.0057	72.6	±0.007	−0.002	+0.010	−0.005	−0.007	±0.021	11	±0.006
5489	+19.4		17	55.420	+ .0072	68.4	.007	+ .026	+ 10	+ 9	+ .007	.025	17	.006
5507	−22.8		21	31.875	.0000	77.6	.006	+ .001	+ 10	− 5	− .004	.025	26	.005
5562	−17.1		35	6.386	+ .0131	67.8	.007	+ .006	+ 10	− 4	.000	.019	24	.004
5600	−16.5		42	4.511	+ .0179	68.3	.006	+ .018	+ 10	− 3	+ .011	.022	21	.005
5658	+12.7		56	42.233	+ .0036	82.0	.007	+ .009	+ 10	+ 2	− .003	.019	26	.004
5680	−14.3	22	1	34.679	+ .0025	72.8	.006	+ .023	+ 10	− 2	+ .015	.019	10	.006
5688	+24.9		2	49.216	+ .0220	72.5	.006	+ .003	+ 10	+ 7	− .014	.027	9	.009
5777	+ 0.9		20	40.855	+ .0007	74.8	.007	− .007	+ 10	− 3	− .014	.019	19	.005
5803	−11.1		25	53.132	.0000	70.4	.006	− .016	+ 10	− 4	− .022	.018	13	.005
5819	−21.2		29	46.355	+ .0155	73.2	.008	+ .027	+ 10	− 4	+ .021	.032	12	.009
5884	−14.1		44	49.686	− .0011	71.5	.007	− .002	+ 9	− 2	− .009	.018	12	.005
5904	−16.3		49	52.507	− .0033	66.9	.007	+ .033	+ 9	− 3	+ .027	.022	25	.004
5916	−30.1		52	40.819	+ .0250	70.2	.006	+ .024	+ 9	− 14	+ .029	.021	47	.003
5940	+27.6		59	24.573	+ .0144	75.3	.005	− .005	+ 9	+ 8	− .022	.020	12	.006
5945	− 8.2	23	0	28.223	+ .0082	79.5	.007	+ .015	+ 9	− 2	+ .008	.023	10	.007
5960	−21.7		4	38.975	+ .0033	82.2	.006	+ .019	+ 9	− 4	+ .014	.022	20	.005
5978	− 6.6		9	39.692	+ .0018	70.7	.006	+ .005	+ 9	0	− .004	.015	24	.003
5981	− 9.6		11	10.622	+ .0248	69.6	.008	− .011	+ 9	− 4	− .016	.020	12	.006
6005	+23.2		16	10.845	+ .0020	84.0	.005	+ .005	+ 8	+ 5	− .008	.029	20	.006
6024	+22.9		20	53.132	+ .0137	78.8	.005	− .004	+ 8	+ 5	− .017	.028	10	.009
6037	+ 5.9		23	24.116	− .0088	72.4	.007	+ .016	+ 8	− 3	+ .011	.020	18	.005
6040	+12.3		24	36.109	+ .0038	84.7	.006	.000	+ 8	+ 1	− .009	.023	14	.006
6087	−15.0		38	3.348	+ .0060	82.1	.007	+ .023	+ 8	− 2	+ .017	.020	17	.005
6110	−28.6		44	14.413	+ .0080	75.6	.007	− .016	+ 8	− 10	− .014	.037	23	.008
6127	+18.6		47	54.434	− .0011	87.0	.006	+ .021	+ 7	+ 10	+ .004	.033	10	.010
6179	−17.8		59	7.802	+ .0013	74.0	.007	+ .012	+ 7	− 6	+ .011	.024	36	.004

Mean Values from Above Table

	°			s	s			s			s
188**	+5.8	Primary Stars.....	74.0	±0.0045	+0.0004	.....	.....	−0.0005	.....	42	±0.0035
184	−3.7	Secondary Stars.....	76.3	0.0067	−0.0014	.....	.....	−0.0010	.....	18	0.0059
372	+1.1	Primary + Secondary.....	75.2	±0.0055	−0.0005	.....	.....	−0.0008	.....	30	±0.0047

Mean Magnitude of Primary Stars is $3^m.48$. Mean Magnitude of Secondary Stars is $4^m.41$. Mean Magnitude of 372 Stars is $3^m.94$.

For clock corrections, a list of 188 stars was chosen, the positions being taken from the *Preliminary General Catalogue.* These stars lie between +30° and −30° of declination. The equinox of the P.G.C., therefore, applies to the present catalogue, but errors depending upon right-ascension and declination have been eliminated from the concluded positions. The list of 188 primary stars and of the 184 secondary clock stars is given in table 3. The first column contains the P.G.C. number; column 2, the approximate declination; column 3, the expanded P. G. C. right-ascension for 1910, used as a provisional system for the determination of clock corrections; column 4, the proper motion; column 5, the mean epoch from P.G.C.; column 6, the probable error of the predicted right-ascension from P.G.C.; column 7, the correction to P.G.C. as given by all the observations of the star after being corrected for E–W and personalities; columns 8 and 9, the corrections to P.G.C. of the forms $\Delta\alpha_\alpha$ and $\Delta\alpha_\delta$, respectively; column 10, the value of column 7 minus the sum of columns 8 and 9; column 11, the probable error of a transit; column 12, the number of observations; column 13, the probable error of the concluded correction to the P.G.C. position.

For determinations of azimuth, 17 circumpolar stars were chosen as primary stars, on the basis of strong observation of successive transits above and below pole. The positions of 33 additional circumpolar stars were derived by means of the primary stars and the total 50 stars were used for determining the azimuths.

TABLE 4—*Successive approximations to positions of circumpolar stars used to determine azimuth correction at San Luis*

P. G. C.	1910 I				II		III	Ep.	μ	Boss	II–I	III–II
	h	*m*	*s*		*s*		*s*		*s*	*s*	*s*	*s*
21	0	5			58.548	17	58.504	9.69	−0.0128	58.297		−0.044
47	0	12			25.333	23	25.280	9.90	+ .0180	23.280		− .053
74	0	21	2.268	104	2.293	123	2.279	9.88	+ .6983	2.149	+0.025	− .014
358	1	33			3.001	16	2.927	9.71	− .0128	2.508		− .074
406	1	42	29.764	12	29.739	40	29.747	9.55	+ .0190	29.260	− .025	+ .008
601	2	33			33.523	21	33.483	9.74	+ .0428	33.187		− .040
1053	4	24			2.495	18	2.471	9.75	+ .0052	2.078		− .024
1075	4	28			54.473	18	54.481	9.99	− .0015	54.286		+ .008
1251	5	9			5.439	24	5.362	9.81	− .0143	4.670		− .077
1547	6	3			32.407	32	32.409	9.96	− .0260	32.110		+ .002
1775	6	47			33.237	15	33.119	9.97	− .0059	33.051		− .118
1947	7	18			42.114	32	42.050	9.82	+ .0030	42.070		− .064
2102	7	45			31.943	19	31.618	9.97	− .0430	30.690		− .325
2255	8	23	21.568	51	21.557	58	21.538	9.96	− .0448	21.375	− .011	− .019
2366	8	44			24.432	15	24.439	9.98	− .0151	24.220		+ .007
2486	9	9	54.913	22	54.898	48	54.961	9.88	− .1020	55.030	− .015	+ .063
2606	9	36			33.887	18	33.832	9.82	− .0174	33.680		− .055
2699	10	3			9.884	19	9.902	9.93	− .0174	9.808		+ .018
2837	10	34			24.759	29	24.747	10.00	− .0136	24.747		− .012
2849	10	36			24.217	29	24.241	9.88	− .0040	24.090		+ .024
2889	10	44	57.065	25	57.058	34	57.038	9.81	− .0184	56.866	− .007	− .020
2944	10	59			58.122	34	58.170	9.75	− .0420	58.100		+ .048
3199	12	13	2.984	40	2.993	69	2.969	9.93	− .0164	2.746	+ .009	− .024
3325	12	44			46.363	24	45.938	9.86	− .0770	46.750		− .425
3340	12	45			26.040	40	26.071	9.77	+ .0440	25.740		+ .031
3493	13	26			11.379	39	11.433	9.72	− .0740	11.320		+ .054
3661	14	12	23.005	54	23.008	75	23.219	9.79	− .0520	23.090	+ .003	+ .211
3746	14	36	38.262	41	38.277	47	38.270	9.79	− .0063	38.015	+ .015	− .007
3760	14	43			9.724	44	9.993	9.77	− .1820	9.960		+ .269
3924	15	22			23.763	55	23.774	9.66	+ .0890	23.550		+ .011
4109	16	6			51.851	19	51.842	9.84	− .0062	51.762		− .009
4168	16	19	36.902	70	36.877	85	36.860	10.01	− .0400	36.951	− .025	− .017
4196	16	27			9.379	41	9.462	9.84	+ .0070	9.200		+ .083
4215	16	30	12.064	13	12.058	28	12.034	9.93	− .0877	12.061	− .006	− .024
4387	17	14			36.399	20	36.420	9.90	+ .0018	36.393		+ .021
4456	17	33			7.764	35	7.762	9.80	− .0250	7.370		− .002
4550	18	2	2.013	48	1.966	74	2.050	10.01	− .0910	2.160	− .047	+ .084
4854	19	16	28.782	54	28.770	72	29.003	9.89	+ .1090	27.320	− .012	+ .233
5030	19	39			29.958	17	29.935	10.00	+ .0009	29.471		− .023
5221	20	18			22.021	33	22.011	9.94	− .0082	21.446		− .010
5390	20	53			50.864	17	50.836	10.02	− .0024	50.651		− .028
5544	21	31			30.363	24	30.379	9.88	+ .0142	30.111		+ .016
5564	21	37	12.923	24	12.920	31	12.900	10.12	+ .0300	12.427	− .003	− .020
5576	21	48			23.118	21	23.387	9.99	+ .0250	20.770		+ .269
5729	22	9			59.475	18	59.514	9.99	+ .0137	58.941		+ .039
5750	22	14	42.305	20	42.282	48	42.332	9.93	− .0400	41.760	− .023	+ .050
5850	22	36	55.015	43	55.015	53	55.047	9.77	− .0298	54.774	.000	+ .032
5994	23	14	57.049	17	57.297	43	57.417	9.63	+ .0140	56.590	+ .248	+ .120
6120	23	46	51.683	16	51.550	37	51.461	9.48	− .0260	51.042	− .133	− .089
6165	23	56			59.142	16	59.049	9.88	− .0214	58.879		− .093

For a first approximation the differences between the mire readings were taken to represent the differences between azimuths at successive transits of the primary azimuth stars. Preliminary clock rates were computed from successive transits of the same clock stars over the period of observing, thus insuring freedom from the assumed places of the clock stars. The mean of all

the observations formed the daily rate of the clock. With these values the azimuth of the instrument was computed, and interpolated by means of the mire readings. Since the azimuths were computed from double transits, they are also free from the assumed star places. The values of the azimuth interpolated through the mires were applied to the clock stars. In deriving the clock corrections an effort was made, even in the first approximation, to eliminate the systematic errors of P.G.C. of the form A sin α + B cos α. For this purpose the differences between the right-ascensions of P.G.C. and the corrected transits were formed for each primary clock star observed during the selected interval. Hourly means were formed, from which groups 12 hours apart were selected. The mean of two groups situated 12 hours apart gave clock corrections free from the sine and cosine terms. This clock correction was assumed to apply to the instant determined by taking the mean time between the two groups. Each selected interval furnished several clock corrections free from sine and cosine terms. Then by means of the 24-hour rates the individual determinations of the 12-hour groups were reduced to a common epoch and the mean taken. These grand means were expanded to cover the intervals from which they had been derived. This furnished the means for deriving the right-ascensions of the 17 primary azimuth stars. These concluded places, together with the number of observations used, are given under I of table 4. Their positions are free from any assumption as to their places, and only the mean constant error of the 188 clock stars affects them. Next the azimuth of the instrument was computed for the double transit series, using the 17 primary azimuth stars and the first approximation to the clock corrections. The many azimuths thus derived were plotted and curves drawn to represent them. After the transits had been corrected for these values of the azimuths, a second approximation was made to the 24-hour rates and to the clock corrections. The 24-hour rates and clock corrections thus derived depend upon the azimuth from the stars and not upon that from the mires. In this determination the same precautions were taken to eliminate periodic errors by forming 12-hour groups and expanding them with the new 24-hour rates. The clock corrections thus formed were applied to all the clock and circumpolar stars.

At this stage the positions of 33 additional circumpolar stars were determined from observations made on the same nights with the 17 primary azimuth stars. Their positions, therefore, should be equally independent. The positions of the 50 azimuth stars thus derived are given in column II of table 4. Inspection of the column headed "II–I" shows that the system of the 50 azimuth stars is identical with that of the 17 primary stars. The column headed "μ" gives the proper-motions employed throughout the subsequent reductions. With these positions and proper-motions the corrections for azimuth were determined for all series, fundamental and miscellaneous.

The primary clock stars, corrected by the second approximation, were used to determine the effect of night-*minus*-day observations, and the system-

atic corrections to the right-ascensions of the clock stars of the *Preliminary General Catalogue* with arguments both in right ascension and declination. The results are as follows:

	N–D
Tucker	+0^s.010
Roy	− .007
Varnum	− .016

$$\Delta\alpha_\alpha = -0^s.0085 \sin\alpha + 0^s.0087 \cos\alpha$$

δ	$\Delta\alpha_\delta$	δ	$\Delta\alpha_\delta$
+27°.5	+0^s.003	− 2°.5	+0^s.001
22.5	+ .002	7.5	− .002
17.5	+ .010	12.5	− .007
12.5	− .001	17.5	− .002
7.5	+ .003	22.5	− .008
+ 2.5	+ .002	−27.5	− .010

As considerable care was taken to balance the clock stars around the equator, the corrections $\Delta\alpha_\delta$ were not applied in the reductions. At this point it was possible to treat all the observations of the primary clock stars under the assumption that the *Preliminary General Catalogue*, corrected by the deduced values of $\Delta\alpha_\alpha$, yields the same system of positions as that already independently established for the primary clock stars. Accordingly all the observations of these stars corrected for $\Delta\alpha_\alpha$ and night-*minus*-day were collected in hourly groups, by weeks. The weekly intervals were chosen because the same observer was continuously on duty for that period. Solutions were made for a constant clock correction *plus* the rate for each week. Expanding, it was found that a linear rate would not fit the observed clock corrections. Attempts to fit the observations by the introduction of a second order term, or by terms dependent upon the thermometer and barometer, were not satisfactory. Therefore, after freeing the residuals from periodic errors depending upon right-ascension, a third approximation to the clock corrections was made by plotting these values and drawing a smooth curve to represent them. The curve readings applied to the hourly groups formed residuals which were collected according to mean time. They bore strong testimony to the existence of a diurnal term. Grouping the residuals by seasons, means were taken and a curve drawn to represent the diurnal effect. The curves are given in table 5. The diurnal term was then applied to the original values of the clock correction and a second approximation made for $\Delta\alpha_\alpha$ and night-*minus*-day. The corrections were as follows:

	N−D
Tucker	+0^s.008
Roy	− .012
Varnum	− .019

$$\Delta\alpha_\alpha = -0^s.0093 \sin\alpha + 0^s.0076 \cos\alpha$$

The original clock corrections, corrected by the derived diurnal term, $\Delta\alpha_\alpha$ and night-*minus*-day, were assumed to be free from periodic error. The residuals representing deviation from a normal clock correction *plus* a linear

rate were assumed to be due to non-periodic effects. These residuals were plotted and curves drawn to represent them. The application of the curve readings resulted in the final clock corrections, which were applied to all the stars of the fundamental series.

TABLE 5—*Diurnal term to be added to* ΔT*'s for* ΔT_o

M. T.	Mar.–May	June–July	Sept.–Nov.	Dec.–Jan.
h	*s*	*s*	*s*	*s*
0	−0.004	−0.018	−0.012	−0.028
1	− .006	− .025	− .013	− .031
2	− .008	− .030	− .014	− .034
3	− .010	− .032	− .016	− .039
4	− .014	− .027	− .018	− .044
5	− .014	− .013	− .019	− .037
6	− .010	− .006	− .019	− .019
7	− .004	− .013	− .012	− .005
8	− .004	− .008	− .002	− .004
9	.000	+ .002	+ .010	− .007
10	+ .003	+ .006	+ .007	− .003
11	− .005	+ .006	+ .003	+ .004
12	− .008	+ .007	+ .004	+ .011
13	− .005	+ .008	+ .006	+ .016
14	+ .001	+ .010	+ .009	+ .020
15	+ .008	+ .011	+ .012	+ .023
16	+ .014	+ .012	+ .014	+ .026
17	+ .015	+ .014	+ .013	+ .026
18	+ .012	+ .014	+ .012	+ .026
19	+ .005	+ .014	+ .008	+ .017
20	.000	+ .011	+ .004	− .004
21	− .002	+ .005	.000	− .016
22	− .003	− .002	− .004	− .022
23	− .003	− .010	− .008	− .025

Mar.–May Diurnal $= -0^s.0019 - 0^s.0083 \sin\theta - 0^s.0033 \cos\theta - 0^s.0003 \sin 2\theta - 0^s.0028 \cos 2\theta$

June–Aug.	$=$ − .0027	− .0146	− .0127	− .0059	− .0034
Sept.–Nov.	$=$ − .0015	− .0112	− .0098	− .0023	+ .0013
Dec.–Jan.	$=$ − .0052	− .0206	− .0226	− .0000	− .0052

When applied to transits, the sign of the diurnal term must be reversed.

Supplementing the primary clock stars, a secondary list of 184 stars situated between $+30°$ and $-30°$ of declination had been chosen for use by the observers of the miscellaneous list. The fundamental observers had observed these stars freely in order to determine their positions relative to the system of the primary clock stars. The derived positions of the secondary clock stars, given in table 3, yielded the same system as that of the primary list. From the material available to this point, a determination of the $\Delta\alpha_\delta$ of the *Preliminary General Catalogue* was made. It is recorded in column I, table 6.

The clock corrections for the non-fundamental series were then derived, employing the clock stars of table 3 and the 50 azimuth stars. Where the series extended over 12 hours, the observations were corrected for $\Delta\alpha_a$, diurnal term and night-*minus*-day. The miscellaneous series, usually about 5 hours long, were corrected for $\Delta\alpha_a$. It was then found that for such short series a constant correction *plus* the rate would fit the observations.

The observations of all the fundamental stars, reduced to apparent place and corrected by the proper-motions of the *Preliminary General Catalogue*, were collected and residuals formed in the sense San Luis *minus* P.G.C.

The material was then gathered according to the observations clamp east and clamp west, and in order of zenith distance and compared. As a first approximation, the differences (E–W) were represented by a constant plus a sine and a cosine term. When these were applied, there was noted a marked periodic term which could be represented by sine and cosine terms of $6z$

TABLE 6—$\Delta\alpha\delta$ *corrections to P.G.C.*

δ	I	II	δ	I	II	δ	I	II
°	s	s	°	s	s	°	s	s
+50	+0.006	−0.028	+ 3	−0.004	−0.003	−44	−0.008	−0.011
+49	+ .005	− .020	+ 2	− .004	− .003	−45	− .007	− .010
+48	+ .003	− .013	+ 1	− .004	− .003	−46	− .006	− .006
+47	+ .003	− .010	0	− .004	− .003	−47	− .004	− .003
+46	+ .001	− .010	− 1	− .004	− .003	−48	− .001	.000
+45	.000	− .013	− 2	− .004	− .003	−49	+ .001	+ .003
+44	− .001	− .014	− 3	− .004	− .003	−50	+ .003	+ .006
+43	− .002	− .012	− 4	− .003	− .003	−51	+ .006	+ .006
+42	− .003	− .008	− 5	− .003	− .002	−52	+ .008	+ .006
+41	− .004	− .001	− 6	− .002	.000	−53	+ .010	+ .007
+40	− .005	+ .003	− 7	− .001	.000	−54	+ .014	+ .007
+39	− .006	+ .003	− 8	.000	− .002	−55	+ .017	+ .007
+38	− .007	+ .001	− 9	.000	− .003	−56	+ .019	+ .007
+37	− .008	− .002	−10	.000	− .004	−57	+ .022	+ .006
+36	− .009	− .007	−11	.000	− .004	−58	+ .025	+ .008
+35	− .010	− .010	−12	− .001	− .003	−59	+ .027	+ .010
+34	− .008	− .011	−13	− .002	− .002	−60	+ .030	+ .016
+33	− .007	− .011	−14	− .003	− .002	−61	+ .033	+ .023
+32	− .005	− .008	−15	− .004	− .002	−62	+ .036	+ .032
+31	− .001	− .004	−16	− .005	− .002	−63	+ .040	+ .040
+30	+ .001	+ .001	−17	− .006	− .004	−64	+ .042	+ .048
+29	+ .004	+ .006	−18	− .006	− .006	−65	+ .045	+ .052
+28	+ .006	+ .008	−19	− .006	− .006	−66	+ .048	+ .057
+27	+ .007	+ .009	−20	− .006	− .005	−67	+ .052	+ .059
+26	+ .008	+ .008	−21	− .006	− .004	−68	+ .059	+ .061
+25	+ .009	+ .007	−22	− .006	− .004	−69	+ .068	+ .067
+24	+ .009	+ .005	−23	− .007	− .005	−70	+ .079	+ .082
+23	+ .010	+ .005	−24	− .008	− .007	−71	+ .091	+ .092
+22	+ .010	+ .005	−25	− .008	− .008	−72	+ .103	+ .104
+21	+ .009	+ .006	−26	− .009	− .008	−73	+ .120	+ .116
+20	+ .009	+ .008	−27	− .010	− .008	−74	+ .136	+ .123
+19	+ .007	+ .010	−28	− .011	− .009	−75	+ .152	+ .131
+18	+ .006	+ .010	−29	− .013	− .010	−76	+ .169	+ .140
+17	+ .005	+ .010	−30	− .014	− .014	−77	+ .186	+ .151
+16	+ .003	+ .009	−31	− .016	− .016	−78	+ .204	+ .164
+15	+ .002	+ .007	−32	− .017	− .018	−79	+ .223	+ .194
+14	+ .001	+ .004	−33	− .018	− .019	−80	+ .242	+ .230
+13	.000	+ .002	−34	− .019	− .019	−81	+ .256	+ .256
+12	− .001	+ .001	−35	− .020	− .019	−82	+ .266	+ .288
+11	− .002	+ .001	−36	− .019	− .020	−83	+ .279	+ .300
+10	− .002	− .001	−37	− .019	− .020	−84	+ .287	+ .300
+ 9	− .002	− .002	−38	− .018	− .020	−85	+ .315	+ .300
+ 8	− .002	− .003	−39	− .017	− .019	−86	+ .315	+ .300
+ 7	− .002	− .003	−40	− .016	− .018	−87	+ .315	+ .300
+ 6	− .003	− .003	−41	− .014	− .016	−88	+ .315	+ .300
+ 5	− .003	− .003	−42	− .012	− .015	−89	+ .315	+ .300
+ 4	− .003	− .003	−43	− .011	− .014	−90	+ .315	+ .300

changing phase abruptly at +8°.7. The full expression was (E−W) cos δ = +0^s.0136+0^s.0082 sin z −0^s.0264 cos z −0^s.0024 sin $6z$−0^s.0083 cos $6z$ for declinations −64° S. P. to +8°.7, and (E−W) cos δ = +0^s.0136+0^s.0082 sin z −0^s.0264 cos z +0^s.0067 sin $6z$ +0^s.0118 cos $6z$ for declinations +8°.7 to +49°.9.

Incorporating the (E−W) corrections, a first approximation was made to the correction depending upon whether a star was measured above or below

the pole (U−L). This correction was also applied. Finally a determination was made for personalities of the observers. The curves are given in table 7. Applying the corrections found for (U−L) and for personal equation, a second approximation was made for the (E−W) correction. This gave

$$(E-W)\cos\delta = +0^s.0179 + 0^s.0050 \sin z - 0^s.0304 \cos z - 0^s.0032 \sin 6z - 0^s.0071 \cos 6z \quad (-64^\circ \text{ S.P. to } +8^\circ.7)$$

$$= +0^s.0179 + 0^s.0050 \sin z - 0^s.0304 \cos z + 0^s.0078 \sin 6z + 0.0046 \cos 6z \quad (+8^\circ.7 \text{ to } +49^\circ.9)$$

TABLE 7—*Corrections to transits for (E-W) and personal*

δ	Clamp East						Clamp West					
	E–W	Personal					E–W	Personal				
		R. H. T.	Roy	W. B. V.	M. L. Z.	R. F. S.		R. H. T.	Roy	W. B. V.	M. L. Z.	R. F. S.
°	s	s	s	s	s	s	s	s	s	s	s	s
−115	−0.049	+0.012	−0.038	+0.059	−0.092	+0.036	−0.001	−0.040	−0.028	+0.026	−0.107	+0.069
−110	− .041	+ .053	− .058	+ .076	− .044	+ .012	− .007	− .032	− .018	− .015	− .041	+ .029
−105	− .030	+ .019	− .031	+ .116	− .042	+ .166	− .008	− .046	− .077	+ .019	− .012	+ .069
−100	− .017	+ .023	− .052	+ .058	− .069	+ .190	− .002	+ .052	− .069	.000	− .058	+ .046
− 95	− .003	+ .080	+ .023	− .023	+ .092	+ .195	+ 0.25	.000	− .069	− .011	− .023	+ .138
− 90		.000	.000	.000	.000	.000		.000	.000	.000	.000	.000
− 85	+ .009	.000	− .092	− .011	+ .080	+ .057	− .046	+ .115	− .046	+ .034	+ .115	+ .149
− 80	+ .014	+ :012	− .104	+ .035	− .017	.000	− .010	+ .046	− .046	+ .040	− .046	+ .075
− 75	+ .015	+ .015	− .042	+ .046	+ .046	+ .131	+ .020	+ .046	− .035	− .019	− .077	+ .039
− 70	+ .012	− .012	− .050	+ .058	− .050	+ .041	+ .018	+ .003	− .035	+ .038	+ .015	+ .035
− 65	+ .005	− .014	− .047	+ .043	− .031	− .028	+ .010	+ .021	− .031	+ .019	+ .007	+ .014
− 60	− .003	− .016	− .040	+ .038	− .016	+ .028	+ .007	+ .012	− .012	+ .018	− .012	+ .066
− 55	− .011	+ .003	− .054	+ .031	+ .003	− .017	+ .009	− .003	+ .005	+ .014	− .009	+. 024
− 50	− .018	− .006	− .030	+ .036	− .051	− .016	+ .013	+ .003	− .017	+ .009	+ .033	+ .016
− 45	− .023	− .024	− .038	+ .037	− .028	− .032	+ .017	+ .007	− .010	+ .025	+ .011	+ .023
− 40	− .025	− .020	− .028	+ .041	− .007	− .021	+ .021	+ .003	− .007	+ .009	+ .013	+ .018
− 35	− .024	− .002	− .021	+ .039	− .023	− .006	+ .023	− .006	− .006	− .007	+ .015	+ .012
− 30	− .021	− .001	− .010	+ .003	− .002	.000	+ .023	− .003	+ .001	+ .012	+ .010	+ .009
− 25	− .017	+ .004	+ .002	− .004	− .011	− .004	+ .020	− .001	+ .003	− .004	− .004	− .002
− 20	− .012	+ .002	+ .005	− .004	+ .010	− .001	+ .016	− .007	+ .007	− .003	+ .001	− .015
− 15	− .007	− .001	+ .001	+ .001	− .002	+ .004	+ .010	− .004	+ .002	− .001	+ .015	− .012
− 10	− .005	+ .002	+ .001	.000	+ .002	− .008	+ .005	− .003	− .004	+ .002	.000	− .002
− 5	− .004	+ .004	− .003	+ .001	− .001	− .004	.000	− .004	+ .014	− .012	+ .002	− .015
0	− .005	+ .004	+ .002	.000	+ .006	+ .010	− .003	− .004	.000	− .005	+ .006	.000
+ 5	− .007	+ .008	+ .008	− .002	+ .002	− .013	− .004	− .002	− .001	− .013	− .006	− .001
+ 10	− .003	+ .002	+ .003	.000	− .006	− .007	− .004	+ .001	− .004	− .005	− .011	− .002
+ 15	+ .003	+ .002	− .004	+ .006	+ .010	− .004	− .002	.000	− .005	− .001	+ .001	+ .006
+ 20	+ .004	+ .004	− .001	.000	− .011	− .003	.000	− .002	− .010	+ .005	− .017	− .019
+ 25	+ .004	− .003	+ .001	+ .005	− .001	+ .003	.000	− .001	− .015	+ .010	− .013	+ .001
+ 30	+ .002	− .009	+ .005	+ .017	− .028	+ .023	− .001	− .008	− .023	+ .015	+ .003	+ .010
+ 35	− .001	− .017	+ .011	+ .011	− .016	+ .040	− .005	− .006	− .020	+ .017	− .040	+ .004
+ 40	− .003	− .020	.000	+ .030	− .013	+ .045	− .013	− .013	− .009	+ .013	− .042	+ .030
+ 45	− .003	− .035	+ .039	+ .020	− .037	+ .023	− .023	− .016	− .018	+ .008	− .025	+ .016
+ 50	+ .001	+ .020	− .003	+ .059	− .062	− .044	− .035	− .059	− .061	+ .044	− .072	− .041

In table 8 are given the values of this expression multiplied by the secant of the declination. Applying these and the personal equations, the final values of the (U–L) correction, shown in table 9, were derived.

After applying the corrections for (E−W), (U−L) and personal equation, the material was gathered according to declination and the final Δa_s of the *Preliminary General Catalogue* formed, as shown in column II, table 6.

TABLE 8

E.	Corrn. East	W.	E.	Corrn. East	W.	E.	Corrn. East	W.
δ		δ	δ		δ	δ		δ
−65° S.P.	+0ˢ.0207	+48°.4	−60°	−0ˢ.0014	− 6°.6	− 5°	−0ˢ.0037	−61°.6
−70 S.P.	+ .0140	+43.4	−55	− .0063	−11.6	0	− .0046	−66.6
−75 S.P.	+ .0077	+38.4	−50	− .0115	−16.6	+ 5	− .0067	−71.6
−80 S.P.	+ .0030	+33.4	−45	− .0163	−21.6	+10	− .0030	−76.6
−85 S.P.	+ .0003	+28.4	−40	− .0192	−26.6	+15	+ .0029	−81.6
−90	− .0002	+23.4	−35	− .0199	−31.6	+20	+ .0042	−86.6
−85	+ .0008	+18.4	−30	− .0183	−36.6	+25	+ .0035	−88.4 S.P.
−80	+ .0024	+13.4	−25	− .0151	−41.6	+30	+ .0015	−83.4 S.P.
−75	+ .0039	+ 8.4	−20	− .0111	−46.6	+35	− .0009	−78.4 S.P.
−70	+ .0040	+ 3.4	−15	− .0071	−51.6	+40	− .0025	−73.4 S.P.
−65	+ .0022	− 1.6	−10	− .0045	−56.6	+45	− .0021	−68.4 S.P.
						+50	+ .0008	−63.4 S.P.

TABLE 9—*Corrections for upper minus lower*

δ	U–L	δ	U–L	δ	U–L	δ	U–L
−89°.2	+0ˢ.007	−82°.8	+0ˢ.012	−76°.9	−0ˢ.016	−70°.9	−0ˢ.013
87.8	+ .010	81.7	+ .008	75.9	− .016	69.9	− .010
86.6	+ .011	80.7	+ .004	74.7	− .024	68.9	− .012
85.8	+ .007	79.7	− .006	73.9	+ .002	67.9	− .023
85.1	+ .006	78.8	+ .002	72.9	− .008	66.9	− .012
−84.0	+ .008	−77.8	+ .006	−71.7	+ .004	65.9	− .010
						−64.9	− .008

The correction $\Delta\alpha_a$ to the *Preliminary General Catalogue* was then determined by zones as follows:

$\Delta\alpha_a$ correction to P.G.C.

Zone	$\Delta\alpha_a$	
−64° S.P. − −77° S.P.	−0ˢ.0050 sin a	+0ˢ.0284 cos a
−77 S.P. − −77	+ .0020	+ .0162
−77 − −30	− .0070	+ .0174
−30 − +30	− .0074	+ .0071
+30 − +50	+ .0001	+ .0070

In forming the catalogue places for the 50 azimuth stars and the 372 clock stars, only those observations made on nights of double transits with 12- and 24-hour clock groups were used. The catalogue places were reduced without proper-motions.

PROBABLE ERRORS

For the 50 azimuth stars, the average probable error of fitting a single star position is ±0ˢ.0047. For the 188 primary clock stars, the average probable error of a position is ±0ˢ.0035, and for the secondary clock stars, ±0ˢ.0059. The probable error of a single observation in right-ascension for the catalogue is ±0ˢ.0231. This value would be considerably reduced if the zones at low zenith distance were not used.

ZENITH DISTANCES

The order of reduction of the zenith distances, in brief outline, was as follows. The observed values for all the stars of the *Preliminary General Catalogue* were corrected for all known personal and instrumental errors and the corrected zenith distances were compared with the declinations predicted from the *Preliminary General Catalogue*, thus giving a series of latitudes. If the observations and reductions to this point had been perfect and the places correct, these latitudes would all have been identical. As they were not identical, their deviations were studied to obtain corrections to the *Preliminary General Catalogue*, to the refractions and to the true latitude. Individual nights were compared with the mean to find their peculiarities. With these data, latitude, refractions and special refractions of individual nights resulting from these comparisons, together with the instrumental and personal corrections previously used with the fundamental stars, the whole mass of observations was reduced.

FLEXURE

In 1908 a series of observations was made at Albany to determine the horizontal flexure of the instrument. These observations were supplemented by others made at San Luis. The results for the two series are given in table 10.

TABLE 10—*Flexure*

Observer	Clamp E	Obsns.	Clamp W	Obsns.	Wt.	Mean
ALBANY						
Boss	+1″.13	4	+0″.98	4	3	+1″.06
Roy	+1.00	5	+1.12	4	3	+1.06
Zimmer	+1.58	4	+1.24	4	1	+1.41
Mean						+1.11
SAN LUIS						
Boss	+0.97	5	+0.87	5		+0.92
Roy	+1.03	6	+1.07	4		+1.05
Zimmer	+0.94	5	+1.02	5		+0.97
Tucker	.....	.....	+1.02	4		+1.02
Varnum	+1.20	1	+0.69	2		+0.86
Mean						+0.98

These two determinations were combined to give the adopted mean, +1″.05. This value was never modified, being used throughout the entire period of observing from 1908 to 1917. Just before the instrument was dismounted at San Luis test measures, to guard against possible change in flexure, gave Tucker +1″.28, and Roy +1″.00.

The flexure of the circles was determined from the readings made for graduation errors, as explained in the next section. The various determinations gave:

	Circle A		Circle B	
1896	$-0''.64 \sin z$	$-0''.31 \cos z$	$-0''.46 \sin z$	$-0''.67 \cos z$
1905	$-.51$	$-.34$	$-.45$	$-.63$
1909	$-.51$	$-.31$	$-.65$	$-.59$
1911	$-.65$	$-.31$	$-.46$	$-.67$

The 1905 values, based on a strong determination, were adopted.

DIVISION ERRORS

The original graduations put in the circles by Pistor and Martins about 1856 had become so worn by 1905 that it was deemed advisable to have Warner and Swasey regraduate them with their large graduating engine. The zero points of the new graduations come near enough to those of the old so that the flexure might be expected to be the same. On the return of the circles the errors of graduation were very carefully determined. In 1909, just after arriving in San Luis, and again in 1911 after the return to Albany, test observations were made on the graduations at multiples of 15° to detect any change that might have occurred. The 1905 values given in table 11, were adopted without change for the entire work. The plan of this determination was identical with that followed in the determination of the errors of the original graduations in 1896.* The measures were carried to the 10′ divisions. The cases of considerable discordance between adjacent 10′ marks were investigated by stepping off the 2′ spaces with the micrometer. In the same way a large number of normal 10′ arcs were measured and an error of 10′ period was found. The working table of corrections was made up for every division of the circles (means of four, 90° apart). The errors of the 2′ marks were generally found by adding to the mean of the adjacent 10′ marks the following corrections for periodic error:

2′	$+0''.46$	6′	$+0''.07$
4′	$+ .95$	8′	$- .21$

But the graduations specially investigated were corrected according to the results of the investigation instead of by the above amounts.

The closing space of the graduations is that between 2° 56′ and 2° 58′, the closing errors being $1''.6$ and $3''.0$ in the respective circles, the closing space being too large in one and too small in the other. In going round the circle there is gradually built up a difference between the two circles which is changed by $4''.6$ ($1''.14$ in the mean of four divisions) at this point. Allowing for this, the resemblance between the two circles is remarkably exact, showing that the engine repeated itself with great fidelity.

* Astronomical Journal, Nos. 382, 383 and 401.

TABLE II—*Division corrections*

	A	B
°	″	″
0 0	0.00	0.00
10	+.01	+.03
20	−.09	+.03
30	−.02	−.02
40	−.03	+.02
50	+.09	+.14
1 0	+.02	+.16
10	+.03	+.15
20	+.05	+.17
30	+.04	+.23
40	−.08	+.15
50	+.01	.00
2 0	−.05	+.06
10	−.04	+.01
20	−.08	+.05
30	+.09	+.15
40	+.10	+.14
50	+.11	+.30
3 0	+.51	−.44
10	+.54	−.33
20	+.64	−.28
30	+.67	−.24
40	+.68	−.14
50	+.71	−.25
4 0	+.71	−.33
10	+.64	−.30
20	+.69	−.35
30	+.75	−.40
40	+.65	−.39
50	+.57	−.46
5 0	+.58	−.54
10	+.51	−.55
20	+.43	−.56
30	+.41	−.65
40	+.42	−.70
50	+.37	−.67
6 0	+.27	−.75
10	+.31	−.77
20	+.34	−.85
30	+.34	−.74
40	+.46	−.76
50	+.59	−.78
7 0	+.54	−.80
10	+.58	−.78
20	+.56	−.70
30	+.73	−.63
40	+.62	−.79
50	+.51	−.71
8 0	+.49	−.76
10	+.46	−.89
20	+.49	−.97
30	+.48	−.80
40	+.42	−.81
50	+.32	−.80
9 0	+.23	−.91
10	+.04	−1.06
20	+.02	−1.01
30	+.12	−.99
40	+.10	−1.04
50	+.03	−.97
10 0	+.05	−.99
10	+.20	−.85
20	+.28	−.87
30	+.45	−.68
40	+.60	−.62
50	+.51	−.60

	A	B
°	″	″
11 0	+0.45	−0.54
10	+.51	−.54
20	+.51	−.58
30	+.44	−.50
40	+.45	−.49
50	+.55	−.63
12 0	+.44	−.55
10	+.38	−.60
20	+.30	−.68
30	+.32	−.72
40	+.27	−.64
50	+.30	−.70
13 0	+.35	−.72
10	+.19	−.68
20	+.27	−.73
30	+.29	−.66
40	+.33	−.74
50	+.37	−.78
14 0	+.33	−.75
10	+.31	−.80
20	+.31	−.80
30	+.29	−.75
40	+.31	−.85
50	+.25	−.81
15 0	+.11	−.91
10	+.06	−1.01
20	+.07	−.92
30	+.02	−1.03
40	−.05	−1.03
50	+.09	−1.05
16 0	+.02	−1.07
10	−.02	−.90
20	+.08	−.88
30	−.02	−.85
40	+.08	−.77
50	+.15	−.72
17 0	+.11	−.83
10	+.13	−.76
20	+.03	−.86
30	−.06	−1.01
40	−.06	−.97
50	−.13	−.99
18 0	−.10	−1.04
10	−.10	−1.05
20	−.18	−1.09
30	−.19	−1.03
40	−.21	−1.01
50	−.12	−.95
19 0	−.10	−1.06
10	−.16	−1.01
20	−.09	−.96
30	−.05	−.85
40	+.05	−.91
50	+.09	−.87
20 0	+.20	−.72
10	+.22	−.67
20	+.13	−.69
30	+.22	−.62
40	+.28	−.70
50	+.24	−.57
21 0	+.24	−.62
10	+.19	−.67
20	+.13	−.63
30	+.07	−.70
40	+.02	−.66
50	−.01	−.80

	A	B
°	″	″
22 0	+0.11	−0.66
10	+.09	−.57
20	+.18	−.62
30	+.23	−.46
40	+.34	−.45
50	+.35	−.45
23 0	+.30	−.48
10	+.41	−.41
20	+.36	−.37
30	+.35	−.38
40	+.47	−.43
50	+.44	−.32
24 0	+.40	−.40
10	+.42	−.45
20	+.30	−.46
30	+.37	−.43
40	+.30	−.43
50	+.29	−.44
25 0	+.35	−.41
10	+.31	−.39
20	+.13	−.59
30	−.02	−.65
40	−.06	−.67
50	−.14	−.71
26 0	−.10	−.67
10	−.18	−.74
20	−.04	−.53
30	00	−.59
40	00	−.51
50	+.03	−.46
27 0	00	−.50
10	+.12	−.33
20	+.02	−.37
30	+.15	−.35
40	−.01	−.34
50	+.11	−.32
28 0	+.13	−.38
10	+.18	−.21
20	+.18	−.24
30	+.29	−.19
40	+.11	−.13
50	+.22	−.16
29 0	+.19	−.22
10	+.23	−.15
20	+.21	−.19
30	+.29	−.19
40	+.31	−.09
50	+.32	−.04
30 0	+.22	−.09
10	+.33	−.01
20	+.25	−.01
30	+.27	−.05
40	+.36	−.09
50	+.26	−.01
31 0	+.29	−.06
10	+.28	−.13
20	−.03	−.34
30	−.17	−.25
40	−.15	−.31
50	−.10	−.25
32 0	−.23	−.24
10	−.08	−.26
20	−.10	−.33
30	−.21	−.36
40	−.18	−.28
50	−.19	−.38

	A	B
°	″	″
33 0	−0.20	−0.33
10	−.22	−.34
20	−.25	−.36
30	−.20	−.27
40	−.26	−.29
50	−.36	−.20
34 0	−.46	−.38
10	−.41	−.44
20	−.61	−.51
30	−.65	−.50
40	−.62	−.52
50	−.69	−.43
35 0	−.71	−.60
10	−.64	−.66
20	−.57	−.59
30	−.60	−.66
40	−.57	−.55
50	−.50	−.48
36 0	−.57	−.51
10	−.51	−.51
20	−.61	−.48
30	−.57	−.59
40	−.74	−.63
50	−.68	−.39
37 0	−.75	−.32
10	−.86	−.29
20	−.85	−.40
30	−.80	−.36
40	−.79	−.54
50	−.73	−.57
38 0	−.60	−.49
10	−.34	−.36
20	−.30	−.21
30	−.11	−.06
40	−.15	−.01
50	+.12	+.27
39 0	+.33	+.32
10	+.50	+.45
20	+.58	+.44
30	+.62	+.54
40	+.63	+.60
50	+.69	+.44
40 0	+.54	+.52
10	+.41	+.44
20	+.26	+.32
30	+.26	+.15
40	+.12	+.16
50	−.01	+.05
41 0	−.39	−.38
10	−.52	−.42
20	−.45	−.42
30	−.47	−.39
40	−.44	−.35
50	−.33	−.35
42 0	−.34	−.39
10	−.24	−.32
20	−.32	−.35
30	−.23	−.29
40	−.22	−.25
50	−.16	−.34
43 0	−.07	−.23
10	−.06	−.32
20	−.01	−.05
30	+.12	+.08
40	+.16	+.17
50	+.23	+.21

	A	B
°	″	″
44 0	+0.23	+0.11
10	+.29	+.16
20	+.27	+.09
30	+.36	+.08
40	+.29	+.10
50	+.29	+.06
45 0	+.23	00
10	+.19	−.03
20	+.09	−.06
30	+.08	−.09
40	−.03	−.20
50	−.10	−.29
46 0	−.12	−.30
10	−.08	−.27
20	−.10	−.29
30	−.03	−.28
40	−.07	−.13
50	−.04	−.17
47 0	−.14	−.26
10	−.28	−.35
20	−.37	−.50
30	−.36	−.46
40	−.36	−.52
50	−.44	−.60
48 0	−.45	−.58
10	−.46	−.55
20	−.36	−.49
30	−.48	−.50
40	−.52	−.48
50	−.48	−.56
49 0	−.45	−.49
10	−.39	−.43
20	−.53	−.45
30	−.46	−.37
40	−.41	−.34
50	−.29	−.27
50 0	−.10	−.20
10	+.01	−.05
20	−.02	−.03
30	+.05	+.04
40	+.07	−.08
50	−.03	−.11
51 0	+.04	−.17
10	+.01	−.23
20	+.07	−.20
30	+.07	−.21
40	+.03	−.31
50	−.04	−.24
52 0	+.01	−.23
10	−.01	−.35
20	−.02	−.20
30	+.04	−.19
40	−.12	−.28
50	−.17	−.26
53 0	−.14	−.27
10	−.07	−.17
20	−.10	−.24
30	−.23	−.24
40	−.18	−.20
50	−.18	−.17
54 0	−.23	−.14
10	−.27	−.23
20	−.30	−.13
30	−.35	−.16
40	−.37	−.12
50	−.29	−.13

TABLE 11—*Division corrections*—(Concluded)

	A	B		A	B		A	B		A	B		A	B
° ′	″	″	° ′	″	″	° ′	″	″	° ′	″	″	° ′	″	″
55 0	−.35	−.33	62 0	−.72	−.85	69 0	−.01	−.52	76 0	−.15	−.37	83 0	−.10	−.12
10	−.38	−.26	10	−.72	−.85	10	.00	−.49	10	−.07	−.37	10	−.18	−.13
20	−.38	−.40	20	−.78	−.80	20	+.03	−.47	20	−.16	−.31	20	−.25	−.14
30	−.25	−.44	30	−.65	−.80	30	−.06	−.49	30	−.17	−.35	30	−.29	−.09
40	−.39	−.58	40	−.69	−.89	40	−.05	−.49	40	−.23	−.34	40	−.19	−.15
50	−.47	−.58	50	−.82	−.83	50	−.05	−.58	50	−.27	−.31	50	−.24	−.15
56 0	−.48	−.63	63 0	−.67	−.88	70 0	−.06	−.58	77 0	−.22	−.33	84 0	−.28	−.31
10	−.56	−.66	10	−.52	−.84	10	−.14	−.54	10	−.33	−.45	10	−.35	−.29
20	−.62	−.81	20	−.57	−.86	20	−.14	−.61	20	−.28	−.41	20	−.28	−.26
30	−.69	−.84	30	−.50	−.80	30	−.18	−.67	30	−.18	−.44	30	−.34	−.30
40	−.72	−.90	40	−.56	−.84	40	−.31	−.66	40	−.38	−.42	40	−.28	−.19
50	−.80	−.86	50	−.43	−.71	50	−.20	−.60	50	−.38	−.46	50	−.26	−.23
57 0	−.89	−.96	64 0	−.44	−.74	71 0	−.21	−.68	78 0	−.50	−.46	85 0	−.21	−.31
10	−.98	−1.09	10	−.32	−.57	10	−.24	−.61	10	−.47	−.40	10	−.16	−.27
20	−.95	−1.25	20	−.28	−.62	20	−.26	−.62	20	−.34	−.40	20	−.19	−.32
30	−1.02	−1.13	30	−.25	−.47	30	−.21	−.58	30	−.38	−.40	30	−.28	−.27
40	−1.01	−1.25	40	−.35	−.55	40	−.19	−.70	40	−.36	−.37	40	−.27	−.21
50	−1.09	−1.21	50	−.30	−.62	50	−.16	−.61	50	−.34	−.43	50	−.38	−.29
58 0	−1.01	−1.09	65 0	−.26	−.63	72 0	−.15	−.53	79 0	−.26	−.36	86 0	−.40	−.25
10	−1.15	−1.16	10	−.34	−.60	10	−.11	−.44	10	−.19	−.29	10	−.51	−.24
20	−1.02	−1.16	20	−.36	−.67	20	−.03	−.42	20	−.24	−.27	20	−.52	−.33
30	−1.00	−1.00	30	−.36	−.75	30	+.15	−.44	30	−.13	−.20	30	−.51	−.31
40	−.97	−1.04	40	−.55	−.79	40	+.04	−.47	40	−.13	−.17	40	−.50	−.29
50	−.90	−1.02	50	−.57	−.78	50	+.14	−.36	50	−.17	−.22	50	−.46	−.41
59 0	−.86	−.90	66 0	−.69	−.94	73 0	+.05	−.39	80 0	−.06	−.12	87 0	−.39	−.35
10	−.84	−.74	10	−.68	−.99	10	−.05	−.47	10	−.07	−.10	10	−.43	−.45
20	−.73	−.59	20	−.63	−1.05	20	−.08	−.53	20	−.10	−.05	20	−.44	−.42
30	−.49	−.59	30	−.69	−.88	30	+.01	−.31	30	−.12	−.09	30	−.46	−.45
40	−.60	−.56	40	−.67	−.99	40	+.04	−.29	40	−.14	−.24	40	−.39	−.35
50	−.61	−.48	50	−.70	−.85	50	+.08	−.22	50	−.06	−.15	50	−.23	−.39
60 0	−.65	−.55	67 0	−.60	−.90	74 0	+.10	−.18	81 0	−.08	−.10	88 0	−.25	−.31
10	−.61	−.53	10	−.56	−.85	10	+.11	−.11	10	+.07	−.10	10	−.19	−.16
20	−.51	−.54	20	−.34	−.73	20	+.17	−.05	20	−.05	−.10	20	−.22	−.20
30	−.59	−.49	30	−.30	−.58	30	+.15	−.19	30	+.10	−.01	30	−.10	−.15
40	−.56	−.57	40	−.18	−.56	40	+.13	−.09	40	+.14	+.03	40	−.13	−.15
50	−.65	−.67	50	−.17	−.51	50	+.05	−.15	50	+.09	−.02	50	−.02	−.13
61 0	−.66	−.61	68 0	−.16	−.55	75 0	+.08	−.11	82 0	+.07	+.07	89 0	−.01	−.16
10	−.63	−.60	10	+.01	−.51	10	+.09	−.12	10	+.06	.00	10	+.06	−.14
20	−.64	−.63	20	+.05	−.49	20	−.03	−.17	20	−.04	+.11	20	−.01	−.15
30	−.70	−.67	30	+.03	−.52	30	+.04	−.19	30	+.13	+.06	30	−.04	−.10
40	−.76	−.70	40	+.10	−.37	40	−.02	−.23	40	−.03	+.01	40	+.04	+.03
50	−.66	−.77	50	+.08	−.52	50	−.04	−.35	50	−.01	+.08	50	+.01	−.01

The comparison of the test observations of 1909 and 1911 with the adopted results for 1905 is given below. The weight of the test series is rather less than half that of the 1905 work.

In the earlier investigation of the division errors it was assumed that the irregularities of the microscope micrometer were slight and their effect was readily eliminated by a proper conduct of the measures.* While it is

Comparative division correction

	Circle A			Circle B		
	1905	1909	1911	1905	1909	1911
15°	+0″.11	+0″.08	−0″.01	−0″.91	−0″.96	−0″.94
30	+ .22	+ .28	+ .26	− .09	+ .01	− .14
45	+ .23	+ .25	+ .32	.00	− .04	− .07
60	− .65	− .56	− .51	− .55	− .50	− .59
75	.00	+ .06	+ .02	− .11	− .11	− .22

* Astronomical Journal No. 382, p. 190.

true that the effect was eliminated in the division error investigation, it would be eliminated from star positions only as the irregularities of the eight micrometers tended to neutralize each other. Incidental to the pivot investigation of November 1905, the micrometers were tested. While none was seriously defective, those having any appreciable irregularity were sent to Warner and Swasey for adjustment.

RUNS

The runs were determined by measuring some chosen 10′ space, in all four quadrants, by successive 2′ steps. Usually the readings were made by two observers simultaneously and repeated with the instrument rotated 180° in zenith distance, and in this way the error of graduation having a period of 10′ was eliminated. The result was always corrected for the difference of division error on the 10′ marks. It was soon found that simultaneous observations by certain readers differed systematically, and that poor focus resulted in abnormal differences. With good adjustment such differences became so small that they could be ignored.

TABLE 12—*Adopted correction for runs, for one revolution*

1909				1910			
Apr. 6 to	Apr. 17	AE	+0″.06	May 4 to	May 8	BE	0″.00
Apr. 19	May 1	BE	+ .05	May 9	May 13	AW	.00
May 3	May 13	AW	+ .05	May 14	May 21	BW	.00
May 16	May 29	BW	+ .05	May 23	May 28	AE	.00
May 31	June 12	AE	.00	May 31	June 3	BE	.00
June 13	June 26	BE	.00	June 4	June 14	AW	.00
June 27	July 11	AW	.00	June 15	June 23	BW	.00
July 12	July 26	BW	.00	June 24	June 29	AE	.00
July 27	Aug. 8	AE	.00	June 30	July 8	BE	.00
Aug. 8	Aug. 19	BE	— .075	July 12	July 22	AW	.00
Aug. 23	Aug. 28	BW	— .06	July 25	July 29	BW	.00
Aug. 29	Sept. 11	AW	— .075	July 30	Aug. 6	AE	.00
Sept. 12	Oct. 3	AE	00	Aug. 8	Aug. 18	BE	00
Oct. 4	Oct. 19	BE	— .05	Aug. 19	Sept. 2	AW	.00
Oct. 20	Nov. 1	BW	.00	Sept. 4	Sept. 13	BW	.00
Nov. 2	Nov. 13	AW	— .10	Sept. 13	Sept. 21	AE	.00
Nov. 15	Nov. 22	BW	.00	Sept. 22	Sept. 28	BE	.00J
Nov. 23	Dec. 5	AE	.00	Sept. 22	Sept. 28	BE	— .10M
Dec. 6	Dec. 16	BE	— .12	Sept. 29	Oct. 5	AW	.00J
Dec. 18	Dec. 31	AW	— .12	Sept. 29	Oct. 5	AW	— .10T
				Sept. 29	Oct. 5	AW	— .18M
1910							
Jan. 2	Jan. 13	BW	.00	Oct. 5	Oct. 24	BW	.00
Jan. 14	Jan. 25	AE	.00	Oct. 25	Oct. 31	AE	.00
Jan. 26	Feb. 4	BE	— .13	Nov. 3	Nov. 7	BE	.00
Feb. 5	Feb. 16	AW	— .13	Nov. 8	Nov. 10	AW	.00
Feb. 17	Mar. 9	BW	.00	Nov. 14	Nov. 18	BW	.00
Mar. 9	Mar. 21	AE	.00	Nov. 21	Dec. 5	AE	.00
Mar. 22	Apr. 9	BE	— .07	Dec. 6	Dec. 13	BE	— .09
Apr. 10	Apr. 18	AW	— .07	Dec. 14	Dec. 29	AW	— .09
Apr. 19	Apr. 25	BW	.00	Dec. 30	Jan. 10	BW	.00
Apr. 26	May 3	AE	.00	Jan. 10	Jan. 29	AE	.00

Runs were neglected if they did not, in the mean of four microscopes and two observers, amount to 0″.05 (per minute). Such readings were made by several observers during the course of a week, but more than half were made by the two who observed the runs for that week. Separate values for

different observers were recognized during only two weeks in September and October 1910. As the east end of the axis is held by a spring against a rigid stop, the microscope focus and the runs are more stable on the E pier (AE and BW) than on the other. The adopted runs are given in table 12.

INCLINATION

It has always been the practise with this instrument to make the pointings by means of the slow-motion tangent screw and but rarely to use the zenith distance micrometer. The fixed zenith distance wire is moderately inclined to the horizontal, and the observer so points the telescope that the star under observation will cross the wire near the middle of the field, the observer noting the point at which this occurs. If conditions are good, the point of bisection will be definite; if they are bad, by watching the oscillations the observer can estimate the point at which the mean path of the star cuts the wire much more accurately than he could set the wire upon the star. The slow motion of close circumpolars and the sharp curvature of their paths compel the observer to set the wire directly upon the star in their case. With them the probable error is noticeably greater, but the increase is partially compensated by making more than one pointing on important circumpolars.

The inclination of the zenith distance thread is about 20′. This is small enough so that the point of bisection is sufficiently defined, except for circumpolars, by recording the nearest transit wire, and great enough so that the bisection is fairly definite and prompt. The inclination is measured by taking two bisections, each with a circle reading, of a star of small declination at widely separated points in the field. The difference of circle reading, corrected for curvature, divided by the equatorial time interval between the bisections, gives the inclination per equatorial second. For convenience the inclination was expressed in seconds of declination per 10^s equatorial time.

For the first month at San Luis a special effort was made to accumulate observations of inclination; later they were quite infrequent, though some were made each month. The results for each observer and the number of determinations are as follows:

Tucker	0″.968	21	Sanford	0″.969	64
Roy	.937	80	Zimmer	.963	54
Varnum	.945	76			

The mean, weighting each observation proportionally to the interval between bisections, was 0″.954 ± 0″.0034; the value adopted was 0″.950.

NADIR

The nadir basin was of amalgamated iron, its internal form that of a shallow segment of a sphere. The diameter of the pool was about the same as that of the object glass. The circle reading at the nadir was near 180° 0′ on both circles. The observations were made at irregular intervals, less frequently in long series than in short ones. Where the evidence seemed to

warrant it, the correction was assumed to vary uniformly with the time, but was otherwise taken as a constant. The mean correction for each sub-series was held to be independent of adjacent sub-series. The variation of nadir was much larger and more frequent when the readings were made with the microscopes of the west pier than with those of the east.

METEOROLOGY AND PRELIMINARY REFRACTION CORRECTIONS

The refractions were computed with the Pulkova tables. Because of the high altitude of San Luis it was necessary to extend the table of values of B to "b" = 690 mm., which was done by theory.

The barometer used was made by H. J. Green of Brooklyn, No. 11488. It was compared in 1908 and 1911 with the one used in Albany during recent years, No. 3442, which in turn was tested at the U. S. Bureau of Standards.

The thermometer was also by Green, No. 720, and had been used for some years in Albany. After comparison with a standard tested at the U. S. Bureau of Standards, it was selected from several at the Dudley Observatory because of its small errors. For actual use in computing refractions a table was constructed in which the γ with uncorrected readings of Green 720 as arguments were identical with the γ from the Pulkova table with the correct temperatures as arguments. The following is the table of corrections to Green 720:

TABLE 13

+30°C.	−0°.03	+18°C.	−0°.13	+ 6°C.	−0°.11
29	− .04	17	− .13	5	− .10
28	− .05	16	− .13	4	− .10
27	− .06	15	− .13	3	− .09
26	− .07	14	− .13	2	−. 09
25	− .08	13	− .13	+ 1	− .08
24	− .09	12	− .13	0	− .07
23	− .10	11	− .13	− 1	− .06
22	− .11	10	− .13	2	− .04
21	− .12	9	− .12	3	− .03
20	− .12	8	− .12	4	− .02
+19	− .12	+ 7	− .12	− 5	− .01

The thermometer was placed outside the south extension of Meridian Circle building at the height of the axis of the instrument, about 9 feet above the ground. It was shielded from the internal temperature of the building by doors and enclosed in a cage of louvre work built of thin boards and about 2 feet on an edge. The barometer hung on the south wall of the observing room, close beside the south extension.

NORTH MINUS SOUTH

The dependence of the personal equation upon the position of the observer's body, feet north or feet south, was investigated for each observer. Such an investigation is necessarily confined to a small region near the zenith and, while it may show quite precisely the difference at that point, it gives no direct indication of the distribution of personalities up and down the meridian to the north and south.

On confining the problem to the determination of the break at the zenith in personal equation the arrangement of observations was simple. The usual program consisted of 20 or more stars at suitable time intervals and near enough to the zenith at culmination for the observer to conveniently observe them either feet north or feet south. The stars of a program were observed alternately feet north and feet south, and on the next night feet south and feet north, respectively. The two important corrections that could not be eliminated, the curvature of path and inclination of the wire, were well determined and were applied. The only corrections omitted were the slight differential of the refraction and the rate of the equator point, which were unimportant in this case. The mean of the differences of the corrected zenith distances, taken in the sense feet north minus feet south, is the value of the correction for the observer.

TABLE 14—*North–South*

Roy		Varnum		Tucker		Zimmer		Sanford	
N	S	N	S	N	S	N	S	N	S
BW +0″.76		BW −0″.02		AE +0″.19		AW −0″.18		AW +0″.30	
AE + .20		BE +0″.14		AW −0″.40		BW +0″.40		AE +0″.16	
AE + .67		AW + .08		AE + .36		AW − .36		AW − .09	
AE + .97		BE + .22		BW + .26		AE + .22		AE − .33	
BW + .42				BW + .34		BE − .12		AE − .18	
AW −1″.03				AW − .33		AE + .28		AW − .14	
BW + .98						BE − .54		AE + .41	
AE + .27						BE − .16		AE + .13	
AE + .56						BW + .20		AW + .39	
AW −0.68						AW − .28			
						BW + .38			
Mean +0.65		−0.12		+0.31		+0.28		−0.03	

The results in zenith distance are given in table 14. The mean of these results was used in the preliminary reductions. The modifications of these corrections to remove certain systematic differences between observers with contrary signs north and south of the zenith is touched upon elsewhere. The total correction was applied to the stars observed feet north. This nearly removed the discontinuity at the zenith, retaining only unknown errors in the latitude. The only clue to the amount of these errors is in the comparison of the results of the different observers made later in the discussion of the latitude.

VARIATION OF LATITUDE

The correction for variation of latitude was computed from the data in Albrecht's papers* without the z or Kimura term, and is tabulated for the longitude of San Luis. Table 15 also gives the latitude resulting from the observations of each period, minus the mean of all, before the correction for variation of latitude was applied in column 3, and after correction in column 4. Column 5 gives the sums of the weights of the equator point solutions

* Astronomische Nachrichten, Nos. 4414, 4504 and 4508.

for the three fundamental observers. The next column gives, for the two secondary observers, the residual latitudes after the application of the correction for variation and the personal corrections which reduce their work to the system of the three fundamental observers, as explained later. The last column gives the number of series involved in column 6. Column 6 shows a discontinuity at 1909.75. Therefore, in the final solutions the personal equations of the secondary observers are treated in two sections, before and after that date.

TABLE 15—*Variation of latitude*

Epoch	Latitude variation	Without correction	Residual latitude	Weight	Residuals of S & Z	Number of series
1909.30	+0".30	+0".20	−0".10	849	−0".04	7
.35	+ .34	+ .27	− .07	650	− .06	4
.40	+ .35	+ .29	− .06	714	− .22	5
.45	+ .32	+ .22	− .10	662	− .44	6
.50	+ .27	+ .34	+ .07	582	− .26	6
1909.55	+0.22	+0.27	+0.05	452	−0.17	4
.60	+ .15	+ .08	− .07	503	− .35	4
.65	+ .08	+ .15	+ .07	419	− .39	5
.70	.00	− .09	− .09	366	− .26	4
.75	− .07	− .14	− .07	263	− .01	5
1909.80	−0.14	+0.04	+0.18	773	+0.14	6
.85	− .22	− .32	− .10	535	+ .12	5
.90	− .26	− .19	+ .07	675	− .14	7
.95	− .29	− .24	+ .05	695	+ .02	8
1910.00	− .29	− .35	−. 06	666	− .02	6
1910.05	−0.25	−0.18	+0.07	694	+0.24	6
.10	− .19	− .09	+ .10	505	+ .05	10
.15	− .12	− .15	− .03	589	+ .15	7
.20	− .05	− .04	+ .01	460	+ .08	7
.25	+ .04	+ .15	+ .11	470	+ .12	4
1910.30	+0.13	+0.20	+0.07	625	+0.12	5
.35	+ .20	+ .24	+ .04	546	+ .11	6
.40	+ .27	+ .28	+ .01	557	− .17	3
.45	+ .33	+ .29	− .04	617	+ .16	4
.50	+ .36	+ .45	+ .09	457	+ .01	5
1910.55	+0.37	+0.34	−0.03	492	−0.11	3
.60	+ .35	+ .27	− .08	339	+ .10	5
.65	+ .29	+ .34	+ .05	270	− .26	3
.70	+ .21	+ .45	+ .24	293	+ .08	6
.75	+ .13	− .10	− .23	70	+ .13	10
1910.80	+0.05	+0.11	+0.06	137	+0.02	5
.85	− .03	.00	+ .03	173	+ .22	6
.90	− .11	.....	.....	...	+ .12	6
.95	− .18	− .14	+ .04	97	+ .16	8
1911.00	− .24	− .16	+ .08	120	− .06	7
1911.05	−0.27	−0.28	−0.01	92	.....	....
.10	− .27	− .38	− .11	22	.....	....

LATITUDE

From an early stage in the zenith distance reductions it was recognized that there were decided personalities involved. Before proceeding to the fundamental discussion it was necessary to evaluate these and reduce the

material to homogeneity. The first approximation was made on broad lines, the principal object being to avoid deforming the system rather than to attain the highest precision in individual positions. Each observed zenith distance of a fundamental star, corrected for division error, flexure, runs, inclination of horizontal wire, curvature of path, refraction from Pulkova tables, observer's bisection, north-south, and nadir reading, combined with the declinations from the Preliminary General Catalogue, furnished a determination of the latitude of the instrument. These quantities were corrected for variation of latitude but still involved cosine flexure of the telescope, deviation of refraction from the Pulkova tables, and some personalities of the observers. Up to this stage these were ignored.

The observed latitudes were tabulated star by star in twelve tables, one for each of the three fundamental observers in the four combinations of the circles A and B and clamps E and W. Means were formed in narrow zones of declination and, lest an erroneous observation should have an undue influence, weights were assigned as follows: 1 obsn., wt. 1; 2 or 3, wt. 2; 4 to 8, wt. 3; 9 or more, wt. 4. These were later combined in larger groups as exhibited in table 16 in which $-33^\circ\ 17'\ 40''$ has been subtracted from the observed latitudes.

TABLE 16—*Observed latitudes*

		AE			AW			BE			BW		
δ	tan z	R	V	T	R	V	T	R	V	T	R	V	T
−113°	+5.9	4″.13	4″.89	4″.72	4″.19	4″.33	4″.79	4″.47	4″.55	4″.35	4″.64	5″.26	5″.15
109	3.92	4.67	4.29	4.92	3.87	4.18	4.36	3.98	4.94	3.99	4.29	4.88	4.42
104	2.85	4.45	4.95	4.34	4.22	4.22	4.29	3.87	4.79	4.22	4.39	4.86	4.86
100.6	2.39	4.35	5.15	4.34	4.23	4.51	4.02	5.02	4.64	4.55	5.06	5.44	4.76
96.3	1.96	4.89	5.37	4.47	3.99	4.91	4.51	4.54	4.90	4.64	4.78	5.36	4.73
92.1	1.65	5.08	5.05	4.73	4.67	4.56	4.71	4.70	5.26	4.98	5.28	4.87	4.96
− 87.9	1.41	5.06	5.38	4.87	4.82	4.53	4.66	4.69	4.86	5.09	5.19	5.05	5.14
83.7	1.21	5.05	5.08	5.05	4.52	4.67	4.88	4.98	4.80	5.15	5.14	5.10	5.21
79.4	1.04	5.38	5.16	5.15	4.68	4.81	4.98	4.91	5.06	5.38	5.21	5.26	5.24
76.4	0.94	5.52	5.31	5.51	4.68	4.64	5.18	5.12	5.44	5.36	5.49	5.47	5.32
71.0	0.77	5.44	5.28	5.31	4.82	4.70	5.19	4.94	5.36	5.32	5.35	5.33	5.14
66.5	0.65	5.54	5.56	5.51	4.98	5.04	5.36	5.21	5.16	5.57	5.37	5.25	5.43
62.0	0.55	5.26	5.34	5.32	4.81	5.04	4.89	5.08	5.09	5.59	5.52	5.31	5.41
56.3	0.42	5.95	5.85	5.94	5.31	5.39	5.76	5.63	5.66	6.08	5.78	5.60	5.83
48.5	0.27	6.26	5.90	6.09	5.38	5.28	5.76	5.68	5.80	5.91	5.91	5.81	5.89
41.5	0.14	5.90	5.75	6.05	5.17	5.20	5.55	5.62	5.61	6.14	5.67	5.71	5.92
36.0	+0.05	5.91	5.89	6.02	5.26	5.19	5.60	5.65	5.60	5.99	5.46	5.46	5.83
− 30.1	−0.06	5.91	5.94	5.94	5.38	5.25	5.52	5.82	5.81	6.15	5.59	5.58	5.80
23.6	0.17	6.02	5.54	5.88	5.42	5.25	5.76	5.71	5.68	6.00	5.53	5.56	5.88
15.0	0.33	5.83	5.52	5.88	5.32	5.14	5.61	5.57	5.52	5.86	5.57	5.57	5.71
− 5.0	0.54	5.86	5.61	5.98	5.40	5.23	5.77	5.56	5.44	5.84	5.64	5.59	5.95
+ 5.0	0.79	6.03	5.71	6.06	5.55	5.35	5.73	5.85	5.73	6.00	5.72	5.73	6.06
15.0	1.12	6.21	6.03	6.37	5.74	5.52	6.07	5.76	5.92	6.20	5.89	5.93	6.22
25.0	1.62	6.38	6.08	6.65	5.78	5.78	6.23	5.93	5.98	6.39	5.97	6.17	6.57
31.5	2.13	6.60	5.79	6.47	5.80	5.74	5.72	5.96	5.80	6.13	5.91	6.17	6.36
34.5	2.45	6.74	6.57	6.66	6.62	5.78	6.55	6.33	6.40	6.55	6.45	6.76	7.13
37.5	2.87	6.59	6.76	7.41	5.97	6.47	6.68	6.68	6.49	6.78	6.46	6.69	7.11
40.5	3.5	7.62	7.16	7.83	6.45	6.37	6.87	6.59	6.80	7.09	7.09	6.78	7.11
43.5	4.3	7.33	7.04	7.58	6.64	6.80	7.46	6.57	6.87	7.39	7.85	7.07	7.69
46.5	5.6	8.04	7.22	8.41	7.20	6.24	7.53	7.81	9.02	7.93	7.87	8.72	8.96
+ 49.0	−7.3	8.53	7.51	7.97	6.89	6.82	8.29	7.05	7.82	7.54	8.86	7.34	9.13

Assuming that each column could be represented by the formula $x+y \tan z$, least squares solutions were made with the following results:

Constant term of the latitude

Observer	AE	AW	BE	BW	Mean
Roy	45″.81	45″.25	45″.50	45″.60	45″.54
Varnum	.68	.20	.56	.62	.52
Tucker	.84	.55	.81	.79	.75
Mean	45.78	45.33	45.62	45.67	45.60

Tangent term of the latitude

Observer	AE	AW	BE	BW	Mean
Roy	−0″.393	−0″.356	−0″.342	−0″.306	−0″.349
Varnum	− .275	− .287	− .276	− .266	− .276
Tucker	− .450	− .379	− .378	− .401	− .402
Mean	−0.373	−0.341	−0.332	−0.324	−0.342

In this solution the weights were modified with Z.D. factors ranging from 0.9 at 65° Z.D. to 0.1 at 82° Z.D., substantially in accord with the

TABLE 17—*Corrected latitudes*

δ	Tan z	Sum of Wts.	AE			AW			BE			BW			
			R	V	T	R	V	T	R	V	T	R	V	T	Mean
−113°	+5.9	12.7	6″.33	6″.49	7″.46	6″.25	5″.94	6″.99	6″.52	6″.15	6″.54	6″.41	6″.83	7″.52	46″.62
109	3.92	21.0	6.21	5.37	6.69	5.28	5.31	5.85	5.32	6.02	5.47	5.49	5.92	5.99	5.74
104	2.85	28.5	5.57	5.73	5.63	5.24	5.04	5.37	4.84	5.58	5.30	5.26	5.62	6.01	5.43
100.6	2.39	34.5	5.29	5.81	5.42	5.09	5.20	4.93	5.84	5.30	5.45	5.79	6.08	5.72	5.49
96.3	1.96	51	5.66	5.91	5.35	4.69	5.47	5.25	5.21	5.44	5.38	5.38	5.88	5.52	5.43
92.1	1.65	30	5.73	5.50	5.47	5.26	5.03	5.34	5.26	5.72	5.60	5.78	5.31	5.62	5.47
− 87.9	1.41	32	5.61	5.77	5.51	5.33	4.93	5.19	5.17	5.25	5.62	5.62	5.43	5.71	5.43
83.7	1.21	56	5.53	5.41	5.60	4.95	5.02	5.34	5.39	5.13	5.61	5.51	5.42	5.70	5.38
79.4	1.04	48	5.79	5.45	5.62	5.05	5.11	5.37	5.27	5.35	5.77	5.53	5.54	5.66	5.46
76.4	0.94	51	5.89	5.57	5.93	5.02	4.91	5.54	5.44	5.70	5.72	5.78	5.72	5.70	5.58
71.0	.77	65	5.74	5.49	5.66	5.10	4.92	5.48	5.20	5.57	5.61	5.59	5.53	5.45	5.44
66.5	.65	90	5.80	5.74	5.80	5.21	5.23	5.61	5.43	5.34	5.82	5.57	5.42	5.69	5.56
62.0	.55	44	5.48	5.49	5.57	5.01	5.20	5.10	5.27	5.24	5.80	5.69	5.46	5.63	5.41
56.3	.42	80	6.12	5.97	6.13	5.46	5.51	5.92	5.77	5.78	6.24	5.91	5.71	6.00	5.88
48.5	.27	75	6.37	5.97	6.21	5.48	5.36	5.86	5.77	5.87	6.01	5.99	5.88	6.00	5.90
41.5	.14	96	5.96	5.79	6.11	5.22	5.24	5.60	5.67	5.65	6.19	5.71	5.75	5.98	5.74
36.0	+ .05	116	5.93	5.90	6.01	5.28	5.20	5.62	5.67	5.61	6.01	5.48	5.47	5.85	5.67
− 30.1	− .06	109	5.88	5.92	5.91	5.36	5.23	5.50	5.80	5.79	6.13	5.57	5.56	5.78	5.70
23.6	.17	113	5.95	5.49	5.80	5.36	5.20	5.70	5.65	5.63	5.94	5.48	5.51	5.81	5.63
15	.33	107	5.70	5.43	5.73	5.20	5.05	5.48	5.46	5.43	5.74	5.47	5.48	5.58	5.48
− 5	.54	96	5.65	5.46	5.74	5.21	5.08	5.57	5.38	5.29	5.64	5.47	5.45	5.73	5.47
+ 5	.79	96	5.72	5.49	5.70	5.27	5.12	5.43	5.58	5.51	5.70	5.48	5.52	5.74	5.52
15	1.12	117	5.77	5.72	5.86	5.34	5.20	5.65	5.38	5.61	5.78	5.55	5.63	5.77	5.60
25	1.62	97	5.74	5.63	5.92	5.20	5.32	5.62	5.38	5.53	5.78	5.47	5.74	5.92	5.60
31.5	2.13	24.5	5.76	5.20	5.51	5.04	5.13	4.91	5.23	5.21	5.32	5.26	5.60	5.51	5.31
34.5	2.45	21.0	5.78	5.90	5.56	5.74	5.08	5.62	5.49	5.72	5.62	5.70	6.11	6.15	5.71
37.5	2.87	26.5	5.46	5.97	6.12	4.94	5.65	5.59	5.70	5.70	5.70	5.58	5.93	5.96	5.69
40.5	3.5	24.0	6.28	6.20	6.30	5.19	5.37	5.54	5.39	5.86	5.80	6.02	5.88	5.71	5.80
43.5	4.3	14.9	5.68	5.88	5.60	5.13	5.59	5.78	5.13	5.66	5.76	6.50	5.93	5.97	5.73
46.5	5.6	4.4	5.80	5.68	5.88	5.23	4.63	5.37	5.96	7.50	5.74	6.16	7.20	6.71	5.99
+ 49	−7.3	1.8	5.82	5.56	4.68	4.34	4.70	5.41	4.48	5.75	4.82	6.66	5.37	6.20	5.32

practise of Dr. Lewis Boss.* He concluded, however, that when the diurnal variation of the refraction was taken into account, the falling off in weight was less rapid.† The tangent terms of the latitude found in 1916 differ slightly from those here given because they were deduced with a more rapid diminution of weights than that finally adopted.

TABLE 18—*Comparison of corrected latitudes*

δ	Roy	Varnum	Tucker	Mean	R−V	V−T	T−R	Obsns.
−113°	6″.38	6″.35	7″.13	46″.62	−0″.03	+0″.78	−0″.75	606
109	5.58	5.65	6.02	5.75	+ .07	+ .37	− .44	432
104	5.23	5.49	5.58	5.43	+ .26	+ .09	− .35	335
100.6	5.50	5.60	5.38	5.49	+ .10	− .22	+ .12	367
96.3	5.24	5.67	5.38	5.43	+ .43	− .29	− .14	492
92.1	5.51	5.39	5.51	5.47	− .12	+ .12	.00	268
− 87.9	5.43	5.35	5.51	5.43	− .08	+ .16	− .08	316
83.7	5.35	5.25	5.56	5.38	− .10	+ .31	− .21	483
79.4	5.41	5.36	5.61	5.46	− .05	+ .25	−. 20	575
76.4	5.53	5.48	5.72	5.58	− .05	+ .24	− .19	463
71.0	5.41	5.38	5.55	5.45	− .03	+ .17	− .14	609
66.5	5.50	5.43	5.73	5.55	− .07	+ .30	− .23	955
62.0	5.36	5.35	5.52	5.41	− .01	+ .17	− .16	419
56.3	5.82	5.74	6.07	5.88	− .08	+ .33	− .25	855
48.5	5.90	5.77	6.02	5.90	− .13	+ .25	− .12	745
41.5	5.64	5.61	5.97	5.74	− .03	+ .36	− .33	1,100
36.0	5.59	5.55	5.87	5.67	− .04	+ .32	− .28	1,675
− 30.1	5.65	5.63	5.83	5.70	− .02	+ .20	− .18	1,401
23.6	5.61	5.46	5.81	5.63	− .15	+ .35	− .20	1,616
15.0	5.46	5.35	5.63	5.48	− .11	+ .28	− .17	1,676
− 5.0	5.43	5.32	5.67	5.47	− .11	+ .35	− .24	1,539
+ 5.0	5.51	5.41	5.64	5.52	− .10	+ .23	− .13	1,610
15.0	5.51	5.54	5.76	5.60	+ .03	+ .22	− .25	2,130
25.0	5.45	5.55	5.81	5.60	+ .10	+ .26	− .36	1,425
31.5	5.32	5.29	5.31	5.31	− .03	+ .02	+ .01	203
34.5	5.68	5.70	5.74	5.71	+ .02	+ .04	− .06	188
37.5	5.42	5.81	5.84	5.69	+ .39	+ .03	− .42	262
40.5	5.72	5.83	5.84	5.80	+ .11	+ .01	− .12	330
43.5	5.61	5.76	5.78	5.72	+ .15	+ .02	− .17	258
46.5	5.79	6.25	5.93	5.99	+ .46	− .32	− .14	155
+ 49	5.32	5.34	5.28	5.32	+ .02	− .06	+ .04	134
								23,622

The tangent terms were applied to table 16, thus producing table 17, "Corrected Latitudes." It was found that the latitudes changed at the zenith, indicating that the applied corrections for N—S were somewhat in error. The contrasts at the zenith indicated corrections but, as the quantities are not independent of the tangent term, a second approximation was made. This resulted in the values: Roy, + 0″.54; Varnum, −0″.05; Tucker, +0″.37. These quantities were adopted, half being subtracted south of the zenith and added north (table 18). This still leaves small differences (columns 6 to 8, table 18). The contrasts could be entirely removed by unequally dividing the corrections at the zenith.

DIURNAL VARIATION OF REFRACTION

The refraction factors were assumed to be constant for each series or sub-series, but they change so frequently as to suggest some regular diurnal

* Preliminary General Catalogue, p. 281.
† Preliminary General Catalogue, p. 345; Astronomical Journal, Nos. 686–687.

cycle related to daylight and darkness. They were therefore grouped according to their relation to sunrise or sunset. Many of the morning and afternoon series are weak, but in combination they show convincingly, besides the great irregular changes, a diurnal change not taken into account in our present refraction tables. The material is collected in table 19, "Diurnal Variation of Refraction," but it must be understood that the distribution relative to the time of day is necessarily only approximate. In every group are some sub-series which belong partially to adjacent groups. This is especially true of group (e), "dawn"; it is least true of groups (f) and (g).

In view of the possibility that there might be a dependence upon previous observing in groups (f) and (g), they were divided, (f′) and (g′) when there had been observing during the night, (f″) and (g″) when there had not. Such a dependence might come about in two ways: through the fact that no observations meant clouds during the late night and therefore a possibly abnormal condition of the upper air, or through the effect of a closed roof upon the distribution of the room temperature. The conclusion is that the suspected dependence does not exist.

TABLE 19—*Diurnal variation of refraction*

Observer	Roy		Varnum		Tucker	
Time of day	Wt.	Factor	Wt.	Factor	Wt.	Factor
(a) Afternoon	213	1.0004	218	0.9975	197	0.9992
(b) First half of night	1,916	0.9931	2,108	.9945	2,279	.9919
(c) Second half of night	484	.9908	420	.9928	682	.9906
(d) Just preceding dawn	90	.9894	89	.9907	277	.9889
(e) Dawn	30	.9956	21	.9949	58	.9891
(f) Early sunrise	69	.9943	82	.9933	48	.9922
(g) Late sunrise	91	1.0037	66	1.0009	27	.9984
(f′) See text	38	0.9943	61	0.9933	35	.9937
(f″)	32	.9943	21	.9933	13	.9886
(g′)	72	1.0036	54	1.0011	18	.9983
(g″)	20	1.0040	13	1.0005	8	.9985

From this material, in some parts meager, it appears that the refraction at San Luis is well represented by the Pulkova tables, that about sunset the refraction decreases rapidly, that the decrease continues throughout the night, and that the increase begins at dawn but is moderate for an hour or more after sunrise and then is quite rapid. The maximum is not determined as there are few observations between 9 a. m. and 3 p. m.

COSINE TERM OF FLEXURE

Differences clamp E *minus* clamp W were taken for each circle separately and for the two combined, and solutions were made on the assumption that they could be represented by the formula $x+y \cos z$ (table 20). The y would here be twice the coefficient of the cosine term of flexure. The constant terms involve both the cosine term at the nadir and personalities in the nadir readings, and agreement between them is not to be expected. The difference between the derived cosine terms is unexplained but the interdependence of

x and y is marked. If, instead of making the solutions for the two circles independently, it had been assumed that each circle has its own x but that they have the same y, then $y = +0''.331$, while $x = +0''.199$ for circle A and $-0''.302$ for B. The solutions were repeated after the latitudes had been corrected for the tangent term, with practically identical results.

Inasmuch as any term in cos z is removed almost completely by the balance between observations taken clamp E and clamp W, not only for the system but for the individual stars, it was not considered worth while to apply the term found. It is instructive, however, to compare the result with that derived from reflection observations.

TABLE 20—*Clamp east minus clamp west*

	AE & BE−AW & BW			AE−AW			BE−BW		
δ	Obs'd	Comp.	O−C	Obs'd	Comp.	O−C	Obs'd	Comp.	O−C
−113°	−0″.07	+0″.01	−0″.08	+0″.36	+0″.42	−0″.06	−0″.52	−0″.41	−0″.11
109	+ .21	+ .04	+ .17	+ .62	+ .43	+ .19	− .20	− .37	+ .17
104	+ .02	+ .06	− .04	+ .43	+ .43	.00	− .39	− .32	− .07
100.6	+ .05	+ .08	− .03	+ .43	+ .43	.00	− .34	− .28	− .06
96.3	+ .13	+ .10	+ .03	+ .51	+ .44	+ .07	− .25	− .24	− .01
92.1	+ .16	+ .13	+ .03	+ .36	+ .44	− .08	− .05	− .20	+ .15
− 87.9	+ .12	+ .14	− .02	+ .48	+ .45	+ .03	− .23	− .16	− .07
83.7	+ .12	+ .16	− .04	+ .41	+ .45	− .04	− .17	− .13	− .04
79.4	+ .16	+ .18	− .02	+ .44	+ .45	− .01	− .11	− .10	− .01
76.4	+ .27	+ .19	+ .08	+ .64	+ .45	+ .19	− .11	− .07	− .04
71.0	+ .20	+ .21	− .01	+ .46	+ .46	.00	− .06	− .04	− .02
66.5	+ .20	+ .23	− .03	+ .43	+ .46	− .03	− .04	− .01	− .03
62.0	+ .13	+ .24	− .11	+ .41	+ .46	− .05	− .16	+ .02	− .18
56.3	+ .25	+ .26	− .01	+ .44	+ .46	− .02	+ .05	+ .04	+ .01
48.5	+ .28	+ .27	+ .01	+ .62	+ .47	+ .15	− .07	+ .07	− .14
41.5	+ .31	+ .28	+ .03	+ .60	+ .47	+ .13	+ .01	+ .08	− .07
36.0	+ .37	+ .28	+ .09	+ .59	+ .47	+ .12	+ .17	+ .09	+ .08
− 30.1	+ .41	+ .28	+ .13	+ .55	+ .47	+ .08	+ .27	+ .09	+ .18
23.6	+ .23	+ .28	− .05	+ .33	+ .47	− .14	+ .14	+ .08	+ .06
15	+ .20	+ .27	− .07	+ .38	+ .46	− .08	+ .03	+ .06	− .03
− 5	+ .11	+ .24	− .13	+ .33	+ .46	− .13	− .12	+ .02	− .14
+ 5	+ .21	+ .21	.00	+ .37	+ .46	− .09	+ .02	− .04	+ .06
15	+ .16	+ .17	− .01	+ .39	+ .45	− .06	− .06	− .11	+ .05
25	+ .12	+ .13	− .01	+ .38	+ .44	− .06	− .15	− .18	+ .03
31.5	+ .13	+ .10	+ .03	+ .47	+ .44	+ .03	− .20	− .26	+ .06
34.5	− .05	+ .08	− .13	+ .26	+ .43	− .17	− .37	− .29	− .08
37.5	+ .17	+ .06	+ .11	+ .46	+ .43	+ .03	− .13	− .32	+ .19
40.5	+ .36	+ .05	+ .31	+ .89	+ .43	+ .46	− .18	− .35	+ .17
43.5	− .20	+ .03	− .23	+ .22	+ .43	− .21	− .62	− .38	− .24
46.5	+ .21	+ .01	+ .20	+ .71	+ .42	+ .29	− .26	− .41	+ .15
+ 49	− .27	.00	− .27	+ .54	+ .42	+ .12	−1.06	− .44	− .62
	−0″.046 ± .018	+0″.328 cos z ± .022		+0″.415 ± .028	+0″.052 cos z ± .036		−0″.518 ± .024	+0″.610 cos z ± .030	

UPPER MINUS LOWER CULMINATION, LATITUDE AND REFRACTION

The results from observations of circumpolar stars at upper and lower culminations were differenced in the sense U−L. Each difference gave an equation of the form

$$\delta - \delta' = 2\Delta\phi - \rho\ (\tan z + \tan z').$$

where the primed letters relate to lower culmination, $\Delta\phi$ is the correction to the assumed latitude, and ρ the correction to the coefficient of tan z in the

formula for refraction.* These equations were solved by least squares, both as a whole and in groups in order of right ascension, dividing them as they happened to come on the computation sheets, and giving each star a weight proportional to the number of observations and the usual Z.D. factors.† The results follow:

TABLE 21

R.A.	Stars	$\Delta\phi$		ρ	
$0^h0 - 3^h5$	40	−0″.67	±0″.06	+0.371	±0.031
3.5 − 8.3	40	− .52	.06	+ .293	.029
8.3 −10.6	40	− .62	.07	+ .358	.036
10.6 −13.2	40	− .38	.07	+ .244	.035
13.2 −16.8	38	− .59	.06	+ .364	.036
16.8 −21.7	40	− .52	.05	+ .318	.029
21.7 −24.0	24	− .55	.07	+ .358	.042
All.....	262	−0.52	±0.02	+0.315	±0.012

The variations with right ascension were considered accidental. The material was then arranged in 1° groups according to declination, as summarized in table 22. Each zone then gave an equation as above. Two solutions by least squares were made, the results being as follows:

$\delta = -72°$ to $-90°$	$\Delta\phi = -0''.002 \pm 0''.060$	$\rho = +0.006 \pm 0.035$
$-64°$ to $-90°$	− .524 .023	+ .316 .013

TABLE 22—*Upper minus lower culmination*

δ	Stars	Wt.	$\delta - \delta'$	O−C
−88°	5	44	−0″.21	−0″.12
87	4	55	+ .01	+ .09
86	5	65	+ .04	+ .11
85	9	91	− .11	− .05
84	4	51	+ .10	+ .15
−83	4	45	+ .13	+ .17
82	5	37	− .04	− .01
81	7	54	+ .15	+ .16
80	11	60	+ .20	+ .19
79	9	36	+ .05	+ .02
−78	13	90	− .01	− .07
77	13	85	+ .07	− .02
76	7	24	− .24	− .37
75	6	21	− .24	− .42
74	11	34	− .04	− .26
−73	7	20	+ .25	− .03
72	7	20	− .06	− .38
71	13	32	+ .30	− .11
70	14	31	+ .24	− .25
69	17	34	+ .57	.00
−68	15	21	+ .99	+ .30
67	20	18	+ .82	− .01
66	21	15	+1.26	+ .27
65	17	8	+1.57	+ .39
64	18	3	+1.66	+ .23

* Since z of this equation was taken as the true zenith distance, while that of the refraction formula applies to the apparent zenith distance, the resulting ρ involves small corrections to the other terms of the series. As far as terms of the second order in R, ρ implies a correction to the refraction, Δ refraction $= \rho\ (1+R) \tan z + \rho\ (R+R^2) \tan^3 z + \rho\ R^2 \tan^5 z$, where R is the refraction constant in radians, 0.00027.

† Preliminary General Catalogue, p. 281.

The second naturally agrees with the solution in order of right ascension from the same material. If it be adopted, the resulting San Luis system will give corrections to the *Preliminary General Catalogue* as follows:

TABLE 23

δ, l.c.	corr.	δ, u.c.	corr.	δ	corr.	δ	corr.	δ	corr.
− 92°.1	+0″.06	−87°.9	+0″.09	−62°.0	+0″.26	−30°.1	+0″.76	+31°.5	+1″.11
− 96.3	+ .03	−83.7	+ .08	−56.3	+ .75	−23.6	+ .72	+34.5	+1.53
−100.6	+ .04	−79.4	+ .16	−43.5	+ .83	−15.0	+ .82	+37.5	+1.52
−104.0	+ .47	−76.4	+ .29	−41.5	+ .74	− 5.0	+ .68	+40.5	+1.83
−109.0	+ .39	−71.0	+ .27	−36.0	+ .69	+ 5.0	+ .85	+43.5	+2.05
−113.0	+ .28	−66.5	+ .42	zenith		+15.0	+1.05	+46.5	+2.58
						+25.0	+1.23	+49.0	+2.62

It is evident that the refraction at great southern zenith distances was inconsistent with that at S. Z. D. less than 75°. This may be expressed by saying that the law of refraction needs modification by changing the terms in $\tan^3 z$ and $\tan^5 z$ as well as that in $\tan z$. The refraction south is also different from that at corresponding zenith distances north, since corrections to the *Preliminary General Catalogue* of 2″ near the zenith of the northern observatories is quite out of the question. Neither of the above solutions is, therefore, satisfactory. For the purpose of combining with the results at Albany to form a basis for revising the standard system either may be used, since they differ merely in a term in $\tan z$ and a $\Delta\phi$ consistent therewith. For the purpose of founding a system to which the miscellaneous stars could be reduced, the former is much better. Therefore, we adopt

$$\Delta\phi = 0''.00 \qquad \rho = +0.006$$

REFLECTED OBSERVATIONS

Observations of stars by reflection from mercury were obtained on 42 nights, making 21 sets. Except for a few close circumpolars, no attempt was made to observe a star both reflected and direct at the same transit. Instead, stars were selected in pairs, one to be observed D and the other R on one night, and conversely on a succeeding night. They were chosen throughout the possible range of zenith distances, 12° to 56°, both north and south of the zenith. Usually about 25 pairs were selected, the first and fourth fourths being on one side of the zenith and the remainder on the other. As the purpose was to determine the vertical or cosine flexure, it was desirable to eliminate other terms even if they were or could be known. In the last two sets the plan was modified by taking all the stars in a comparatively narrow zone on one side of the zenith, the idea being to ascertain if the accuracy could not be increased by avoiding part of the mechanical difficulties. One set of stars was taken in the daytime. Its result, +2″.13, accords well with that from the night set following, +1″.97, but differs widely from the mean. It was excluded. With this exception, all the results are given in table 24.

TABLE 24—*Reflected minus direct*

		South	North	Mean	Mean	Adjusted Mean	
R	AW	$+1''.66_{10}$	$+2''.14_{11}$	$+1''.91 \pm 0''.56$	$+1''.68$	$+1''.11$	
		$+1.38_{11}$	$+1.50_{12}$	$+1.44 \pm .71$			
							$\frac{1}{2}(AW+AE) = +0''.56$
							$\frac{1}{2}(AW-AE) = +1.12$ or $+0''.55$
	AE	-0.27_{5}	-0.26_{7}	$-0.26 \pm .65$	-0.57	0.00	
		$-.82_{13}$	$-.96_{11}$	$-.88 \pm .51$			
	BE	$+1.92_{10}$	$+2.02_{10}$	$+1.97 \pm .50$	$+1.97$	$+1.40$	
							$\frac{1}{2}(BE+BW) = +0.38$
							$\frac{1}{2}(BW-BE) = -1.58$ or -1.01
	BW	-1.09_{10}	-1.27_{14}	$-1.20 \pm .56$	-1.20	-0.63	
		-1.20_{32}		$-1.20 \pm .43$			
T	AE	-0.59_{12}	-0.56_{8}	$-0.58 \pm .75$			
		$+.83_{10}$	$-.81_{8}$	$+.21 \pm .92$	-0.19	$+.16$	
		$-.23_{12}$	$+.13_{10}$	$-.07 \pm .67$			
		$-.31_{30}$		$-.31 \pm .62$			
	BE	$+.05_{12}$	$+.97_{12}$	$+.51 \pm .77$	$+.31$	$-.04$	
		$+.34_{12}$	$-.12_{12}$	$+.11 \pm .59$			
							$\frac{1}{2}(BE+BW) = -0.16$
							$\frac{1}{2}(BW-BE) = -.47$ or -0.12
	BW	$-.74_{10}$	$-.03_{9}$	$-.40 \pm .71$	$-.63$	$-.28$	
		-1.03_{11}	$-.70_{12}$	$-.86 \pm .65$			
	AE	combined with BW			$-.34$	$+.01$	$\frac{1}{2}(BE+BW) = -.01$
							$\frac{1}{2}(BW-BE) = -.32$ or $+0.03$
V	AW	$+1.17_{7}$	$+1.58_{12}$	$+1.43 \pm .61$			
		$+1.49_{10}$	$+1.38_{10}$	$+1.44 \pm .68$	$+1.35$	$+1.42$	
		$+0.71_{13}$	$+1.72_{12}$	$+1.19 \pm .96$			
							$\frac{1}{2}(AW+AE) = +0.29$
							$\frac{1}{2}(AW-AE) = +1.06$ or $+1.13$
	AE	$-.09_{10}$	-1.26_{14}	$-0.77 \pm .85$	-0.77	-0.84	
R & V							
	AW	$+.98_{10}$	$+0.51_{9}$	$+.76 \pm .65$	$+.76$	$+.26$	
							$\frac{1}{2}(AW+AE) = +0.58$
							$\frac{1}{2}(AW-AE) = +.18$ or -0.32
	AE	$+.44_{12}$	$+.38_{10}$	$+.41 \pm .68$	$+.41$	$+.91$	

The table needs little explanation. The sets for each observer are collected by circles and clamps. Separate means are given for stars north of the zenith and south of it, and subscripts give the number of stars. The mean for each set is the simple mean of all, regardless of the distribution

Combination of results

Wt.	Wt.	Wt.	Wt.
1 $+0''.56$	1 $+0''.56$	1 $+0''.56$	1 $+0''.56$
1 $+.38$	$\frac{2}{3}$ $+.38$	$\frac{2}{3}$ $+.38$	$\frac{2}{3}$ $+.38$
1 $-.16$	1 $-.16$	1 $-.16$	$\frac{1}{5}$ $-.01$
1 $+.29$	$\frac{3}{4}$ $+.29$	$\frac{3}{4}$ $+.29$	$\frac{3}{4}$ $+.29$
		$\frac{1}{2}$ $+.58$	$\frac{1}{2}$ $+.58$
Mean $+0.27$	$+0.25$	$+0.30$	$+0.29$

north and south. To this is appended the average residual O−C for the set preceded by the sign ±. The separate sets in any position are combined without regard to the number of observations in each. The last two sets were started by observer R and wind prevented their completion; the second parts were taken by observer V later.

Taking the equations

$$Z' = 180° - (z' + c - b - b \cos z + a \sin z), \text{ or}$$
$$Z' = 180° - z' - c + b + b \cos z - a \sin z, \text{ and}$$
$$Z = \quad z + c - b + b \cos z + a \sin z, \text{ we have}$$
$$Z' - Z = 180° - z' - z - 2c + 2b - 2a \sin z, \text{ in which}$$

Z and Z' are the direct and reflected readings on a star with all the usual corrections except as mentioned hereinafter. Then z and z' are the zenith and nadir distances, the difference of which is desired. c is a constant to be determined at the nadir and, while it depends upon the setting of the circle on the axis, it may include personalities of the observers. There being no vertical collimators, b, the cosine flexure of the telescope, is unknown and may include error of the determined cosine flexure of the circle. a is a correction to the sine flexure, telescope and circle, already applied. Cos 180° is negative, so that the total correction at the nadir is c − b. a sin z, probably a small quantity, is eliminated by the distribution north and south. Since 180° $-z'$ and z are equal, $Z' - Z$ should give directly 2b, if it were not for c. It has been assumed that the bisection equation is the same on a star observed direct and reflected. At the stage when the R − D observations were reduced, the bisection correction had been applied to the north stars; if half of it had been applied to the south stars, the "adjusted mean" of table 24 would have been obtained instead of the "mean." This leaves the relation between the north and south stars unchanged, but shifts the results from clamp E and clamp W in opposite directions. In c is involved the observers' personal equation in reading the nadir, of which there was no determination. It will presumably be eliminated when the rest of c is determined.

The observations were nearly but not quite evenly divided between the two positions of the clamps. The flexure b is, of course, independent of the clamp. It is natural to suppose that c simply reverses sign with the clamp and the personalities involved in it, although there is no real proof that such is the case. It is assumed, therefore, that c can be removed by taking the mean of the two clamps.

Referring to table 24, whenever an observer has results in both clamps with one circle, the mean of the two is assumed to be 2b, free from personalities and the results from "mean" and from "adjusted mean" are identical. There are four such values, +0″.56, +0″.38, −0″.16, +0″.29; the simple mean is +0″.27. They are, however, of unequal value. Some weight has also been given to other combinations, namely, by observer T, AE & BW combined with BE, and AW & AE, taken partly by R and partly by V. In this manner the value +0″.29 for 2b is found, which is comparable with the value +0″.33 found from the E − W.

To evaluate a possible correction to sine flexure, the residuals O − C of all the sets except the two confined to south stars were arranged in order of zenith distance and collected in means of approximately 4° groups, table 25.

The solution for sine term alone gives for circle A, $2a = +0''.25$, for circle B, $2a = -0''.01$. However, the residuals for circle A do not follow a sine curve, but rather indicate a constant difference between north and south. The corrections applied for sine flexure of the circles was satisfactorily determined and, while that for sine flexure of the telescope was less satisfactory, no serious question as to the accuracy of either determination is raised by careful consideration of the R−D material. No change was therefore made in the previously adopted flexures.

TABLE 25

AE & AW				BE & BW			
305°.8	−0''.16	13°.7	+0''.22	305°.6	+0''.27	14°.4	+0''.47
310.3	− .96	17.8	+ .10	309.8	.00	17.8	+ .19
313.2	+ .82	22.8	+ .39	313.7	− .53	22.2	− .04
318.4	− .47	25.6	− .07	317.5	− .13	25.7	+ .96
322.0	− .15	29.3	+ .08	321.6	+ .02	30.7	− .16
326.1	− .25	33.9	+ .15	326.2	− .10	34.7	− .32
328.9	− .03	38.2	+ .21	330.0	+ .23	37.8	− .37
334.5	+ .03	42.0	+ .32	334.2	+ .26	42.6	+ .11
338.2	− .07	45.7	+ .37	337.5	− .43	46.3	− .15
341.7	− .30	49.8	− .06	342.3	+ .29	50.3	− .48
346.5	− .16	54.1	− .05	346.2	− .17	53.9	+ .14

THE SECONDARY OBSERVERS

The three principal observers were wholly responsible for the observing during the first half of the night and, also, took observations in the early morning and during the day in such a manner as to make their work completely independent. There were two other observers, Sanford and Zimmer, whose work was confined to the second half of the night and was intended to be differential only. The first steps in the reduction of their observations were the same as for the other three but they had to be omitted from the fundamental discussion of latitude and refraction. As it was found that they agreed better with each other than with the fundamental observers, one system was deduced which would give approximately the same equator points from stars of all declinations for both men. The observations were reduced in a strictly differential way, the refraction factors determined and the rates of the equator points revised in some cases. After the observations, reduced to the system of the two observers, had been collected on cards, they were compared with the mean of the three fundamental observers for the purpose of finding the differential corrections to reduce to the latter.

Solution	Sanford		Zimmer	
	x	y	x	y
I	−0''.068	+0''.019	−0''.082	+0''.044
II	− .091	+ .050	− .089	+ .054

The separate residuals were collected by 5° zones (wider near the zenith) and weighted according to the number of observations by the two sets of

observers. The means are given in table 26. These were solved by the formula $x+y \tan z$ for south stars and $-x+y \tan z$ for north stars, z being S. Z. D. Two solutions were made, first using all the material, and secondly excluding the extreme north and south groups.

TABLE 26—*Fundamental minus zone results*

δ	F−S	O−C	F−Z	O−C	Mean O−C
−113°	−0″.19	−0″.40	+0″.20	−0″.01	−0″.20
107.5	+ .09	.00	+ .26	+ .17	+ .08
102.5	+ .08	+ .04	+ .16	+ .12	+ .08
97.5	− .03	− .05	− .14	− .16	− .10
92.5	− .16	− .16	+ .07	+ .07	− .04
− 87.5	− .04	− .02	+ .01	+ .03	.00
82.5	+ .03	+ .06	− .13	− .10	− .02
77.5	+ .08	+ .12	− .01	+ .03	+ .08
72.5	+ .08	+ .13	+ .07	+ .12	+ .12
67.5	− .11	− .06	+ .02	+ .08	+ .01
62.5	− .19	− .13	− .18	− .12	− .12
57.5	− .11	+ .04	− .02	+ .05	.00
52.5	+ .05	− .12	− .18	− .11	.00
47.5	− .21	− .13	− .16	− .08	− .10
42.5	− .14	− .06	− .14	− .06	− .06
36.7	− .08	+ .01	− .05	+ .04	+ .02
− 29.2	+ .12	+ .03	+ .11	+ .02	+ .02
22.5	+ .08	.00	+ .14	+ .06	+ .03
17.5	+ .04	− .04	+ .08	.00	− .02
12.5	+ .22	+ .15	+ .15	+ .08	+ .12
7.5	− .03	− .09	+ .07	+ .01	− .04
− 2.5	+ .08	+ .02	+ .06	.00	+ .01
+ 2.5	+ .12	+ .07	− .01	− .06	.00
7.5	+ .04	.00	.00	− .04	− .02
12.5	+ .04	.00	− .08	− .12	− .06
17.5	.00	− .03	+ .04	+ .01	− .01
22.5	− .03	− .04	− .07	− .08	− .06
27.5	− .18	− .18	+ .02	+ .02	− .08
32.5	+ .01	+ .03	− .13	− .11	− .04
37.5	+ .04	+ .10	+ .02	+ .08	+ .09
42.5	+ .08	+ .20	+ .06	+ .18	+ .19
+ 47.5	+ .20	+ .44	+ .23	+ .47	+ .46

As the purpose of these observations was to determine positions of stars between −20° and the pole, the second solution was adopted and the observations of both S and Z reduced with $x = -0''.090$, $y = +0''.052$. The corrections actually applied are given in table 27.

TABLE 27—*Corrections of zone to fundamental observations*

−115°	+0″.27	−55°	−0″.07	0°	+0″.06
−105	+ .07	−45	− .08	+10	+ .04
− 95	+ .01	−35	+ .09	+20	+ .02
− 85	− .02	−30	+ .09	+30	− .01
− 75	− .04	−20	+ .08	+40	− .08
− 65	− .06	−10	+ .07	+50	− .35

The adopted corrections to S. Z. D. for feet N − feet S were, for S, +0″.00, and for Z, +0″.28, applied to the stars observed feet N. Had it been differently distributed the special system would have been changed, but the ultimate result would have been the same.

THE SAN LUIS SYSTEM

FORMATION AND DIFFERENTIAL REDUCTIONS

Table 28 contains several sets of corrections to the *Preliminary General Catalogue*. Those in the third column are derived from the column "Mean" of table 18 by subtraction from 45″.46, which is the mean of the eight entries nearest the pole, with change of sign for sub-polar groups. The sixth column is derived from this by simple smoothing, drawing a curve. By means of these "adopted preliminary corrections," positions in the *Preliminary General*

TABLE 28—*Corrections to the preliminary general catalog*

δ	From decls.	From latitudes	Decl—Lat.	δ	Adopted corrections	
					Prelim.	Final.
−113°	−1″.06	−1″.16	+0″.10	−90°	0″.00	0″.00
109	−0.32	−0.28	− .04	85	.00	.00
104	+ .09	+ .03	+ .06	80	.00	.00
100.6	− .19	− .03	− .16	75	.00	.00
96.3	− .07	+ .03	− .10	70	.00	.00
92.1	+ .06	− .01	+ .07			
				−65	.00	+ .06
− 87.9	+ .01	− .03	+ .04	60	+ .18	+ .23
83.7	− .06	− .08	+ .02	55	+ .38	+ .35
79.4	− .04	.00	− .04	50	+ .40	+ .38
76.4	+ .06	+ .12	− .06	45	+ .37	+ .35
71.0	− .01	− .02	+ .01			
66.5	+ .10	+ .10	− .00	−40	+ .28	+ .25
62.0	− .09	− .05	− .04	35	+ .23	+ .21
56.3	+ .36	+ .42	− .06	30	+ .18	+ .18
48.5	+ .39	+ .44	− .05	25	+ .13	+ .13
41.5	+ .26	+ .28	− .02	20	+ .09	+ .08
36.0	+ .18	+ .21	− .03			
				−15	+ .05	+ .04
30.1	+ .22	+ .24	− .02	10	+ .01	+ .01
23.6	+ .14	+ .17	− .03	− 5	+ .01	+ .01
15	− .01	+ .02	− .03	0	+ .01	+ .02
− 5	− .01	+ .01	− .02	+ 5	+ .04	+ .06
+ 5	+ .08	+ .06	+ .02			
15	+ .17	+ .14	+ .03	+10	+ .07	+ .10
25	+ .19	+ .14	+ .05	15	+ .09	+ .14
31.5	− .09	− .15	+ .06	20	+ .11	+ .14
34.5	+ .23	+ .25	− .02	25	+ .13	+ .14
37.5	+ .09	+ .23	− .14	30	+ .15	+ .14
40.5	+ .21	+ .34	− .13			
43.5	+ .17	+ .27	− .10	+35	+ .18	+ .14
46.5	+ .29	+ .53	− .24	40	+ .20	+ .14
+ 49	− .20	− .14	− .06	45	+ .24	+ .14
				50	+ .27	+ .14

Catalogue were reduced to the San Luis declinations and combined with them with computed weights to form a San Luis system of adopted declinations which would not only be independent, but would yield consistent equator points from stars of all declinations.* With this standard system, all the observations were reduced differentially, equator points and refraction factors being derived for each series or sub-series. If the number of distribution of the observations in any series were iandequate to give a fair determination of the refraction factor, as often happened in the case of daytime observations, the observations were rejected. In the preliminary reductions the

* Independent with respect to $\Delta\delta\delta$ but not as regards $\Delta\delta\alpha$.

nadir corrections were sometimes allowed to vary with the time. Some of these rates were revised, but in only a few instances was the rate assumed to be other than uniform with the time.

COMPARISON WITH THE PRELIMINARY GENERAL CATALOGUE, $\Delta\delta_\delta$

The differentially reduced observations were collected and scrutinized for gross discordances. Some errors were detected and some abnormal observations rejected. Simple means were taken of the observations of each star regardless of distribution between observers and positions. These were compared with the *Preliminary General Catalogue* and weights, dependent upon the number of observations, Z. D. and weight in the P.G.C., assigned to the residuals. These residuals appear in table 28 in the second column. From these were derived, by means of a curve, the "final corrections," given in the last column of the table. The fourth column "Decl.-Lat." shows how well the preliminary San Luis system was maintained.

TABLE 29—*Corrections in order of right ascension*

	+50° to +30°			+30° to −33° 18′			−33° 18′ to −90°		
R.A.	Stars	Weight	Diff.	Stars	Weight	Diff.	Stars	Weight	Diff.
0h	8	12	+0″.01	27	96	−0″.01	25	48	+0″.08
1	4	7	+ .03	30	89	+ .01	30	54	− .02
2	5	8	+ .33	36	115	.00	24	40	− .16
3	13	14	− .16	32	102	+ .06	29	52	− .03
4	7	9	+ .14	30	95	− .02	28	51	+ .02
5	10	12	− .12	37	120	− .05	31	56	− .09
6	4	4	− .22	31	110	− .03	26	47	+ .16
7	5	6	− .24	33	87	− .05	22	41	+ .18
8	5	5	+ .18	28	88	+ .06	37	68	+ .10
9	8	13	.00	28	85	− .02	32	62	− .05
10	8	11	− .08	29	94	− .04	37	67	+ .06
11	8	9	+ .13	33	111	.00	29	46	+ .08
12	5	7	− .03	25	86	− .02	35	72	.00
13	5	3	+ .15	29	94	− .03	29	55	+ .12
14	6	11	+ .02	30	104	+ .01	33	63	+ .05
15	7	10	− .18	37	117	+ .02	26	49	− .09
16	9	15	+ .01	31	104	− .02	30	61	− .01
17	6	8	− .07	27	98	+ .06	23	49	− .22
18	6	12	− .02	28	98	+ .01	18	37	− .21
19	6	7	+ .12	42	143	+ .02	23	40	− .11
20	9	12	− .07	30	106	+ .08	23	42	− .08
21	8	8	− .02	36	115	+ .05	23	40	+ .03
22	7	8	+ .01	37	122	− .03	28	53	− .03
23	6	6	+ .09	44	128	− .05	24	45	+ .09
Totals	165	219		770	2,505		665	1,239	

+50° to +30°	$\Delta\delta\alpha$	$=-0''.01.\sin\alpha$	$+0''.02.\cos\alpha$	$+0''.02.\sin 2\alpha$	$+0''.07.\cos 2\alpha$
+30° to −33°18′	$\Delta\delta\alpha$	$=-.02.\sin\alpha$	$+.01.\cos\alpha$	$.00.\sin 2\alpha$	$-.01.\cos 2\alpha$
−33° 18′ to −90°	$\Delta\delta\alpha$	$=+.07.\sin\alpha$	$-.04.\cos\alpha$	$-.03.\sin 2\alpha$	$+.05.\cos 2\alpha$

COMPARISON WITH THE PRELIMINARY GENERAL CATALOGUE, $\Delta\delta_\alpha$

The final mean positions were compared with those of the *Preliminary General Catalogue* and the residuals arranged in order of right ascension in three zones, as shown in table 29. Weights were assigned, taking into account

the weights of the San Luis positions and those of the P. G. C., but in the solutions the results of which are given at the foot of the table the weights were ignored. The tendency to repeat in the final positions any terms of this kind that affect P. G. C., and therefore tend to make the residuals small, would be strongest in the equatorial zone and less and less toward the pole, where the weight of P. G. C. is slight.

TESTS FOR HOMOGENEITY

Tests were made of the homogeneity of the final positions. The differences between the observers, two and two, were taken in 1° groups with weights equal to the product of the number of observations divided by their sum. These were combined in broad zones for the summary below:

TABLE 30—*Comparison of final positions*

Zone	Differences			Weights		
	R−V	V−T	T−R	R−V	V−T	T−R
+50° to +30°	−0″.08	+0″.20	−0″.02	113	129	128
+30 " 0	+ .01	+ .01	− .01	727	795	790
0 " −33	+ .04	− .02	− .01	947	954	1,040
−33 " −65	+ .04	− .08	+ .06	844	879	878
−65 " −90	+ .01	+ .02	− .03	517	506	488
−90 " −116	− .20	+ .22	− .01	210	214	223

WEIGHTS AND PROBABLE ERRORS

In the various stages of the computations it was necessary to assign weights. No fixed plan was followed except that the reduction for zenith distance was approximately uniform. In the latitude investigation it was assumed that the maximum weight in one position could not exceed four times the weight of one observation. Later it seemed that this might be increased to ten, but a smaller increase was made. In the final comparisons with the *Preliminary General Catalogue* in order of declination, the maximum

TABLE 31—*Preliminary weights and probable errors*

San Luis Weight	No. of stars	Average combination weight	Probable error	
			Computed	Observed
	Declination (+30° −−25°)			
3	43	1.93	±0″.216	±0″.263
3.5	50	2.00	.212	.174
4	120	2.61	.186	.162
5	94	3.20	.168	.142
6	103	4.18	.147	.110
7	74	5.25	.131	.082
	Declination (−25° −−98°)			
3	17	1.21	±0.272	±0.308
3.5	149	1.40	.253	.219
4	355	1.42	.252	.226
5	251	2.02	.212	.196
6	83	2.68	.183	.170
7	15	3.00	.173	.152

weight on the P.G.C. scale was 7, for 36 or more observations, and for comparisons in order of right ascension the maximum weight was 14 for 112 or more observations. Between these two comparisons an attempt was made to find the fundamental weights by a comparison with the P.G.C. system and weights. The residuals for all the fundamental stars between $+30°$ and $-25°$ were collected in groups according to the number of observations. The first grouping gave the following results:

This table showed that the scale of weights should be extended. A second approximation was therefore made with the material from $+30°$ to $-25°$, as shown in table 32. The material was grouped in two ways—determining the mean residual with and without weights. The first column

TABLE 32—*Weights and probable errors*

S.L. weight	No. of obs'ns	No. of stars	Av. PGC weight	Weighted resids.	Comb. weight	Comp. S.L. weight	Mean weight	Mean resid.	Comb. weight
2	4	17	5.4	±0".348	1.06	1.32	1.4	±0".348	1.0
2.5	5	26	5.8	± .283	1.58	2.27	1.7	± .277	1.6
3	6	23	5.0	± .200	3.2	8.9	1.8	± .202	3.1
3.5	7–8	78	6.4	± .217	2.6	4.4	2.2	± .217	2.7
4	9–10	58	9.1	± .163	4.8	10.2	2.7	± .169	4.5
5	11–14	56	9.0	± .175	4.1	7.2	3.1	± .175	4.1
6	15–19	38	10.0	± .158	5.1	10.0	3.7	± .163	4.8
7	20–26	65	14.8	± .141	6.3	10.0	4.6	± .143	6.1
8	27–33	44	15.8	± .123	8.3	17.5	5.1	± .122	8.5
9	34–43	35	19.4	± .095	14.0	50	6.0	± .095	13.8
10	44–58	32	23.0	± .086	17.0	65	6.7	± .087	16.5
11	59+	13	25.1	± .100	12.5	25	7.5	± .125	8.0

gives the assigned San Luis weight, the second the number of observations per star. Then follow the number of stars and the average P.G.C. weight for these stars. These weights vary widely within the groups, and each was used to form a combination weight, which was used in finding the weighted mean of the residuals, column 5. The combination weights corresponding to these were derived, column 6, and combined with column 4 to deduce the appropriate San Luis weight, column 7. This is to be compared with the assumed weight in column 1. Column 8 gives the means of the combination weights used; column 9, the mean residual of each group, taken without weights; and column 10, the computed weights of the combinations, deduced from column 9 in the same way that column 6 was deduced from column 5. Comparison of column 10 with 8 and 6 shows but moderate dependence upon weights of individual residuals within a group, and, so far, is indicative of the homogeneity of the material. The unsatisfactory showing of the weaker groups tends to confirm the *a priori* conclusions that the weaker stars in the *Preliminary General Catalogue* are not as accurate, relatively, as their solution weights indicate. Such a conclusion, however, is greatly weakened by the correlation between the San Luis and P.G.C. weights, the latter being about double the former in the equatorial zone.

After the observations were all collected, a thorough investigation of the differential probable error was made by taking the difference between successive observations of the same star. The results were arranged in zones of declination in table 33. The group at the zenith shows a larger probable error than its immediate neighbors, because on still nights the heat of the

TABLE 33—*Differential probable errors and weights*

Approximate declination	Number of comparisons	Probable error	Weight unit ±0″.30
+ 47°	162	±1″.087	0.08
42	221	±0.645	.22
37	191	± .587	.26
32	202	± .448	.45
26	240	± .414	.52
+ 20	240	± .379	.63
10	480	± .338	.79
− 5	480	± .316	.90
18	480	± .318	.89
35	468	± .353	.78
− 39	468	± .309	.94
47	468	± .316	.90
59	468	± .322	.87
68	468	± .297	1.02
77	468	± .323	0.86
− 86	140	± .371	.65
92	159	± .431	.48
97	221	± .458	.43
102	203	± .589	.26
107	196	± .741	.16
−111	171	± .791	.14
114	180	±1.219	.06

lamps injured the definition in that region. The increase in probable error with zenith distance becomes manifest at only 40° from the zenith. It was concluded that the weight of an observation within 40° of the zenith is 0.9 and that it decreases from that point to zero at 85°. A plot of the probable errors shows a straight line. There was a slight increase in the probable errors of close circumpolars, which changed to a decrease in the very close ones because of the practise of taking on them two bisections and circle readings.

INTERCOMPARISON OF SAN LUIS AND ALBANY DECLINATIONS TO PRODUCE A FUNDAMENTAL SYSTEM EXTENDING FROM POLE TO POLE

In *Astronomical Journal* No. 884 the details of the intercomparison of the San Luis and Albany observations in declination are given. In that discussion it was assumed that the residuals produced by comparison of the observed latitudes of the poles with zone groups might be represented by the following formula referred to the poles:

$$A(\sin z + \cos\phi) + B(\tan z \pm \cot\phi) + C(\tan^3 z \pm \cot^3\phi) + D(\tan^5 z \pm \cot^5\phi) + \Delta PGC = n,$$

the sine and tangent terms chiefly representing flexure and refraction. This treatment led to the following table (34), where the first column gives the declination of the group; the second column the correction to the P.G.C. declinations; from the Albany observations; the third, the corresponding corrections given by the San Luis observations; the fourth the mean of columns 2 and 3; and the fifth, the resulting smooth curve representing column 4, or in other words the concluded corrections given by the Albany and San Luis fundamental system to the system of the *Preliminary General Catalogue.*

TABLE 34

δ	Alb.	S. L.	Mean	Δδ PGC	δ	Alb.	S. L.	Mean	Δδ PGC	δ	Alb.	S. L.	Mean	Δδ PGC
+90°	0″.00		0″.00	0″.00	+30°	+0″.28	+0″.27	+0″.28	+0″.23	−30°	+0″.24	+0″.28	+0″.26	+0″.39
88	+ .02		+ .02	+ .01	28	+ .30	+ .26	+ .28	+ .24	−32	+ .47	+ .48	+ .48	+ .39
86	+ .01		+ .01	+ .03	26	+ .20	+ .21	+ .20	+ .25	−34	+ .42	+ .40	+ .41	+ .37
84	+ .06		+ .06	+ .04	24	+ .33	+ .16	+ .25	+ .28	−36	+ .32	+ .32	+ .32	+ .36
82	+ .05		+ .05	+ .02	22	+ .46	+ .26	+ .36	+ .34	−38	+ .31	+ .28	+ .29	+ .34
80	− .05		− .05	− .01	20	+ .40	+ .49	+ .44	+ .38	−40	+ .39	+ .41	+ .41	+ .34
78	.00		.00	− .04	18	+ .34	+ .39	+ .36	+ .39	−42		+ .36	+ .36	+ .38
76	− .06		− .06	− .07	16	+ .37	+ .38	+ .37	+ .38	−44		+ .41	+ .41	+ .45
74	− .12		− .12	− .09	14	+ .39	+ .34	+ .37	+ .37	−46		+ .60	+ .60	+ .51
72	− .16		− .16	− .10	12	+ .36	+ .37	+ .36	+ .35	−48		+ .62	+ .62	+ .53
70	+ .01		+ .01	− .11	10	+ .33	+ .37	+ .35	+ .32	−50		+ .42	+ .42	+ .54
68	− .13		− .13	− .11	8	+ .21	+ .28	+ .24	+ .29	−52		+ .37	+ .38	+ .52
66	− .07		− .07	− .11	6	+ .18	+ .32	+ .25	+ .27	−54		+ .63	+ .63	+ .48
64	− .15		− .15	− .11	4	+ .27	+ .36	+ .31	+ .26	−56		+ .40	+ .40	+ .42
62	− .12		− .12	− .10	2	+ .25	+ .32	+ .28	+ .25	−58		+ .47	+ .47	+ .34
60	− .03		− .03	− .08	0	+ .20	+ .21	+ .20	+ .24	−60		+ .18	+ .18	+ .23
58	− .02		− .02	− .06	− 2	+ .30	+ .20	+ .25	+ .24	−62		− .03	− .03	+ .13
56	− .07		− .07	− .04	− 4	+ .22	+ .26	+ .24	+ .24	−64		+ .14	+ .14	+ .11
54	− .08		− .08	− .01	− 6	+ .27	+ .21	+ .24	+ .24	−66		+ .18	+ .18	+ .17
52	+ .07		+ .07	+ .03	− 8	+ .27	+ .21	+ .24	+ .23	−68		+ .21	+ .21	+ .16
50	+ .14	+ .14	+ .14	+ .08	−10	+ .18	+ .20	+ .19	+ .20	−70		+ .10	+ .10	+ .08
48	+ .08	+ .09	+ .08	+ .12	−12	+ .14	+ .10	+ .12	+ .20	−72		− .17	− .17	− .03
46	+ .19	+ .25	+ .21	+ .17	−14	+ .27	+ .31	+ .29	+ .22	−74		− .07	− .07	− .07
44	+ .23	+ .07	+ .16	+ .22	−16	+ .29	+ .19	+ .24	+ .24	−76		− .13	− .13	− .04
42	+ .32	+ .27	+ .30	+ .25	−18	+ .28	+ .25	+ .26	+ .27	−78		+ .10	+ .10	.00
40	+ .25	+ .33	+ .29	+ .26	−20	+ .33	+ .38	+ .36	+ .30	−80		+ .02	+ .02	+ .04
38	+ .19	+ .37	+ .26	+ .27	−22	+ .27	+ .26	+ .26	+ .32	−82		+ .04	+ .04	+ .04
36	+ .18	+ .16	+ .17	+ .26	−24	+ .38	+ .33	+ .35	+ .35	−84		+ .04	+ .04	+ .03
34	+ .26	+ .51	+ .38	+ .24	−26	+ .42	+ .44	+ .44	+ .37	−86		+ .02	+ .02	+ .02
32	+ .22	− .01	+ .11	+ .23	−28	+ .41	+ .44	+ .43	+ .39	−88		.00	.00	+ .01
										−90		.00	.00	.00

The printed declinations do not represent the system above, but were derived according to methods outlined under the heading "Declinations." To obtain the system of table 34 the following corrections of table 35 should be applied to the printed declinations:

TABLE 35

δ	Δδ	δ	Δδ	δ	Δδ	δ	Δδ	δ	Δδ
−90°	0″.00	−62°	−0″.03	−34°	+0″.17	− 6°	+0″.24	+22°	+0″.20
−88	+ .01	−60	.00	−32	+ .20	− 4	+ .23	+24	+ .14
−86	+ .02	−58	+ .06	−30	+ .21	− 2	+ .23	+26	+ .11
−84	+ .03	−56	+ .08	−28	+ .23	0	+ .22	+28	+ .10
−82	+ .04	−54	+ .12	−26	+ .23	+ 2	+ .22	+30	+ .09
−80	+ .04	−52	+ .14	−24	+ .23	+ 4	+ .21	+32	+ .09
−78	.00	−50	+ .16	−22	+ .22	+ 6	+ .20	+34	+ .10
−76	− .04	−48	+ .15	−20	+ .22	+ 8	+ .21	+36	+ .12
−74	− .07	−46	+ .15	−18	+ .21	+10	+ .22	+38	+ .13
−72	− .03	−44	+ .13	−16	+ .19	+12	+ .23	+40	+ .12
−70	+ .08	−42	+ .10	−14	+ .19	+14	+ .23	+42	+ .11
−68	+ .15	−40	+ .09	−12	+ .18	+16	+ .24	+44	+ .08
−66	+ .13	−38	+ .11	−10	+ .19	+18	+ .25	+46	+ .03
−64	+ .01	−36	+ .14	− 8	+ .23	+20	+ .24	+48	− .02
								+50	− .06

CATALOGUE

In the respective columns of the catalogue the following data are given:

1. Serial number.
2. B. D., Cordova D., or C. P. D. number as taken from the *Harvard Draper Catalogue*, with a few additions and obvious changes. The B. D. numbers extend to declination $-23°$, the Cordova numbers from $-23°$ to $-52°$, and the C. P. D. numbers from $-52°$ to the pole. Underlining indicates that the star number is to be found in the adjacent zone of the catalogues quoted.
3. Magnitude. For stars brighter than $6^{m}.5$ the magnitudes, with few exceptions, have been taken from the *Revised Harvard Photometry*. The fainter magnitudes without underlining have been taken from Harvard. Underlined magnitudes represent the San Luis photometric determinations. Starred magnitudes represent means of Harvard and San Luis results.
4. Right-ascensions for 1910, reduced without proper-motion.
5. Precession and secular variation in right-ascension.
6. Declinations for 1910.
7. Precession and secular variation in declination.
8. Mean epoch of observation.
9. Number of observations.

The footnotes, in addition to general remarks, contain the results of subpolar observations. Bracketed quantities indicate rejected observations.

No.	Name	Mag.	R. A. 1910	Prec. and Sec. Var.	Decl. 1910	Prec. and Sec. Var.	Epoch.	No. Obs.
		M	h m s	s s	° ″	″ ″		
1	12249	7.3	0 0 3.10	+3.0721-.0365	-52 5 5.6	+20.046-.009	10.3	4
2	15492	8.6	0 6.09	+3.0720-.0213	-37 47 59.3	+20.046-.009	9.7	4
3	2800	5.6	0 7.97*	+3.0701-.0896	-71 56 15.7*	+20.046-.009	9.8	8
4	10424	7.9	0 9.28	+3.0711-.0447	-57 20 35.1	+20.046-.009	10.3	4
5	16162	7.6	0 25.50	+3.0707-.0202	-36 31 4.2	+20.046-.009	10.2	4
6	12251	7.6	0 33.82	+3.0682-.0371	-52 38 58.6	+20.046-.010	10.0	4
7	16836	7.2	0 34.98	+3.0703-.0174	-32 58 5.9	+20.046-.010	10.7	4
8	6357	4.7	0 43.74	+3.0721-.0014	- 6 12 39.4	+20.046-.010	9.8	5
9	15250	7.0	0 43.94	+3.0690-.0225	-39 21 32.7	+20.046-.010	10.0	4
10	10426	7.4*	0 47.20	+3.0653-.0447	-57 27 23.2	+20.046-.010	10.4	4
11	15500	7.6	0 52.07	+3.0686-.0212	-37 48 13.6	+20.046-.010	10.2	4
12	15584	7.5	0 53.07	+3.0676-.0262	-43 23 19.2	+20.046-.010	9.8	4
13	3598	6.9	0 54.12	+3.0592-.0731	-68 27 39.9	+20.046-.010	10.7	4
14	6468	7.6	1 2.29	+3.0612-.0534	-61 48 40.9	+20.046-.011	10.2	4
15	16587	7.4	1 16.82	+3.0657-.0251	-42 15 8.6	+20.046-.011	9.7	4
16	16843	7.3	1 38.76	+3.0662-.0176	-33 19 3.0	+20.046-.012	10.2	4
17	14337	5.8	1 39.70	+3.0611-.0328	-49 34 31.2	+20.045-.012	10.0	4
18	10225	9.1	1 41.15	+3.0580-.0419	-55 59 59.0	+20.045-.012	9.8	4
19	4	7.6	2 3.77	+3.0636-.0201	-36 35 5.6	+20.045-.012	9.8	4
20	4	6.1	2 13.82	+3.0668-.0110	-23 36 26.7	+20.045-.013	9.6	4
21	4	7.0*	2 18.67	+3.0615-.0223	-39 22 44.4	+20.045-.013	9.8	4
22	2	8.7	2 20.09	+3.0526-.0412	-55 39 41.7	+20.045-.013	9.8	4
23	7	8.7	2 33.78	+3.0607-.0215	-38 25 47.4	+20.045-.014	10.0	5
24	1	7.9	2 41.59	+3.0582-.0250	-42 23 27.4	+20.045-.014	10.2	4
25	8	8.9	2 45.78	+3.0647-.0124	-25 51 16.1	+20.044-.014	10.1	4
26	1	7.7	2 46.35	+3.0012-.1236	-77 13 54.7	+20.044-.014	10.2	4
27	6	7.5	2 49.42	+3.0468-.0438	-57 20 14.6	+20.044-.014	10.6	4
28	8	8.6	2 49.61	+3.0582-.0237	-40 58 50.4	+20.044-.014	10.6	4
29	10	7.5	2 54.83	+3.0468-.0424	-56 30 47.5	+20.044-.014	10.2	4
30	8	8.8	2 55.03	+3.0648-.0114	-24 19 19.9	+20.044-.014	10.5	4
31	5	7.6	3 5.27	+3.0375-.0548	-62 48 57.5	+20.044-.014	10.7	4
32	2	6.9	3 10.36	+3.0301-.0645	-66 25 55.3	+20.044-.015	10.0	4
33	13	5.9	3 10.98	+3.0646-.0106	-23 0 32.0	+20.044-.015	10.4	4
34	17	5.7	3 29.19	+3.0588-.0179	-34 1 49.2	+20.044-.015	9.8	8,7
35	2	7.8	3 37.09	+2.9668-.1372	-78 42 42.5	+20.044-.015	10.0	4
36	1	7.2	3 39.45	+2.9617-.1417	-79 5 59.7	+20.043-.015	10.5	4
37	4	2.2	3 43.97	+3.0844+.0185	+28 35 36.6	+20.043-.016	9.9	69,65
38	2	7.4	3 44.97	+2.7108-.3754	-86 32 24.2	+20.043-.015	9.7	4,3
39	20	7.9	4 11.89	+3.0552-.0188	-35 17 44.1	+20.043-.017	10.0	4
40	7	7.8	4 14.43	+2.9819-.1008	-74 44 21.5	+20.042-.017	9.9	4
41	16	7.8	4 14.69	+3.0454-.0300	-47 33 37.8	+20.042-.017	9.9	4
42	7	7.3	4 18.50	+3.0620-.0103	-22 40 49.5	+20.042-.017	10.2	4
43	15	7.8	4 25.15	+3.0507-.0228	-40 14 15.6	+20.042-.017	10.2	4
44	19	6.3	4 30.24	+3.0357-.0387	-54 30 12.0	+20.042-.017	10.7	4
45	18	7.2	4 36.09	+3.0398-.0335	-50 40 2.8	+20.042-.017	10.1	4
46	16	5.5	4 45.83	+3.0574-.0139	-28 29 19.4	+20.042-.018	10.4	4
47	18	3.9	4 50.83	+3.0430-.0284	-46 14 38.0	+20.042-.018	10.1	16
48	20	8.4	5 7.88	+3.0270-.0419	-56 41 32.4	+20.041-.018	10.0	4
49	23	8.4	5 8.30	+3.0493-.0207	-37 48 55.1	+20.041-.018	10.2	4
50	9	6.6	5 23.02	+3.0114-.0536	-62 47 53.3	+20.040-.019	10.3	4

3S.P. 8^{s}.00, 16$^{''}$.7, 10.1, 8, 7, (12$^{''}$.8)

No.	Name	Mag.	R. A. 1910	Prec. and Sec. Var.	Decl. 1910	Prec. and Sec. Var.	Epoch.	No. Obs.
		M	h m s	s s	° ′ ″	″ ″		
51	17	7.2	0 5 23.83	+3.0409−.0272	−45 10 4.1	+20.040−.019	10.0	4
52	35	7.5	5 24.14	+3.0569−.0125	−26 22 33.9	+20.040−.019	10.4	4
53	17	5.1	5 38.26	+3.1061+.0333	+45 34 18.5	+20.040−.020	10.0	5
54	4	7.8	5 49.42	+2.8892−.1396	−79 30 9.7	+20.040−.019	10.2	4
55	4	7.0	5 52.01	+2.8998−.1316	−78 48 4.1	+20.039−.019	10.5	4
56	4	5.3	5 58.58*	+2.7996−.1900	−82 43 28.0*	+20.039−.019	9.8	13,12
57	36	7.1*	6 3.60	+3.0506−.0160	−31 46 43.3	+20.039−.020	9.8	4
58	16	8.4	6 11.96	+3.0211−.0388	−54 54 5.8	+20.039−.020	9.9	4
59	36	7.0	6 12.72	+3.0468−.0186	−35 21 41.6	+20.039−.021	10.3	8
60	4	6.8	6 14.40	+2.9479−.0917	−73 43 32.6	+20.039−.020	10.1	4
61	28	7.6	6 45.13	+3.0384−.0230	−40 52 24.6	+20.037−.022	10.1	4
62	26	5.6	7 0.30	+3.0505−.0136	−28 18 3.6	+20.037−.022	10.2	9
63	29	8.4	7 1.62	+3.0112−.0406	−56 15 1.2	+20.036−.022	9.9	4
64	42	5.2	7 9.64	+3.0426−.0187	−35 38 12.7	+20.036−.022	9.9	13
65	32	6.6	7 24.77	+3.0327−.0245	−42 40 18.6	+20.036−.023	10.2	4
66	3	7.2	7 30.38	+2.8060−.1479	−80 40 29.6	+20.035−.022	9.8	4
67	22	7.8	7 32.13	+3.0092−.0389	−55 15 5.6	+20.035−.023	10.5	4
68	11	7.7	7 36.44	+2.9986−.0450	−59 1 19.7	+20.035−.023	10.2	4
69	32	8.3	7 38.69	+3.0485−.0135	−28 17 7.3	+20.035−.023	10.0	4
70	11	7.4	7 39.32	+2.8938−.1032	−75 58 39.9	+20.035−.023	10.5	4
71	37	7.8	8 3.29	+3.0482−.0129	−27 21 24.2	+20.034−.024	9.9	4
72	30	7.3	8 8.69	+3.0272−.0253	−43 39 53.9	+20.033−.024	9.9	4
73	10	7.2	8 24.02	+2.9928−.0437	−58 24 51.1	+20.032−.025	9.7	4
74	46	6.7	8 29.64	+3.0515−.0101	−22 58 16.9	+20.032−.025	10.3	4
75	40	8.3	8 35.86	+3.0455−.0134	−28 18 50.5	+20.032−.025	9.9	4
76	14	2.9	8 35.99	+3.0857+.0102	+14 40 59.5	+20.032−.025	9.9	77,84
77	32	7.7	8 38.12	+3.0246−.0251	−43 33 56.7	+20.032−.025	10.7	4
78	38	7.5	8 41.66	+3.0469−.0125	−26 49 32.8	+20.032−.025	10.2	4
79	40	7.3	8 41.73	+3.0324−.0206	−38 19 24.2	+20.032−.025	9.8	9
80	13	8.4	9 1.33	+2.9799−.0470	−60 24 20.8	+20.030−.026	10.3	4
81	56	6.1	9 8.29	+3.0459−.0122	−26 31 15.2	+20.030−.026	9.9	4
82	52	7.0*	9 10.65*	+3.0490−.0105	−23 42 48.5	+20.030−.026	10.1	4
83	57	6.4	9 10.69	+3.0455−.0124	−26 47 8.4	+20.030−.026	10.1	4
84	35	7.1	9 15.46	+3.0100−.0307	−49 11 2.5	+20.030−.026	10.2	4
85	42	7.2	9 24.77	+2.9864−.0418	−57 30 4.7	+20.029−.026	9.8	4
86	59	7.8	9 40.82	+3.0311−.0189	−36 18 27.8	+20.028−.027	10.1	4
87	17	6.8	9 47.14	+3.0498−.0093	−21 41 29.9	+20.028−.028	10.2	4
88	35	6.7	9 47.24	+2.9893−.0387	−55 34 9.6	+20.028−.027	10.4	4
89	16	6.9	9 50.19	+2.8522−.0957	−75 24 47.7	+20.028−.026	10.5	4
90	52	8.1	9 54.42	+3.0225−.0226	−40 55 14.9	+20.027−.028	10.0	4
91	2	5.7	9 55.70*	+2.3380−.1949	−85 29 41.7*	+20.027−.023	10.3	8,7
92	19	6.6	9 56.59	+2.9574−.0523	−63 16 21.3	+20.027−.027	9.8	4
93	27	8.9	10 5.30	+3.0063−.0297	−48 22 53.3	+20.027−.028	10.0	4
94	42	7.1	10 13.89	+3.0096−.0277	−46 32 3.3	+20.026−.028	10.0	4
95	66	7.9	10 20.80	+3.0339−.0162	−32 39 8.4	+20.026−.028	9.8	4
96	65	6.3	10 25.73	+3.0293−.0181	−35 24 16.4*	+20.025−.029	10.3	5
97	40	7.5	10 43.94	+3.0189−.0222	−40 35 45.7	+20.024−.029	10.2	4
98	69	Var.	10 49.71	+3.0322−.0160	−32 32 44.1	+20.024−.029	9.9	4
99	55	7.6	10 58.98	+3.0170−.0224	−40 57 10.7	+20.023−.030	9.7	4
100	69	8.3	11 11.96	+3.0257−.0182	−35 39 1.2	+20.022−.030	9.7	4

56S.P. $58^{s}.40$, $27.''5$, $9.''5$, 8.

82 $10^{s}.79$ included. 91 ($44.''4$)

91S.P. $55^{s}.77$, $41.''3$, $9.''3$, 8.

96 $14.''6$, $18.''4$ included.

No.	Name	Mag.	R. A. 1910	Prec. and Sec. Var.	Decl. 1910	Prec. and Sec. Var.	Epoch.	No. Obs.
		M	h m s	s s	° ′ ″	″ ″		
101	72	5.7	0 11 35.87	+3.0304−.0156	−31 56 45.7	+20.020−.031	9.8	8
102	4	8.5	11 43.71	+2.8999−.0643	−68 23 57.6	+20.020−.030	9.9	4
103	19	6.6	11 48.43	+2.7878−.0979	−76 24 42.6	+20.019−.030	10.2	4
104	55	7.7	11 53.47	+3.0068−.0245	−43 29 47.0	+20.019−.031	10.0	4
105	71	7.4	12 0.40	+3.0266−.0164	−33 15 37.7	+20.018−.032	10.0	4
106	7	6.7	12 3.68	+2.6590−.1255	−80 21 0.3	+20.018−.029	9.7	4
107	49	9.2	12 5.36	+3.0036−.0253	−44 21 28.6	+20.018−.032	9.6	1
108	52	7.9	12 6.54	+2.9680−.0386	−55 58 10.2	+20.018−.031	10.4	4
109	4	7.2	12 9.14	+2.8681−.0720	−70 53 34.2	+20.018−.031	10.4	4
110	73	6.7	12 10.50	+3.0261−.0164	−33 11 16.4*	+20.018−.032	10.0	4,3
111	15	7.7	12 11.69	+2.9035−.0605	−67 11 26.8	+20.018−.031	10.2	4
112	55	8.0	12 17.68	+2.9955−.0279	−47 4 20.5	+20.017−.032	10.2	4
113	47	8.9	12 22.97	+2.9861−.0311	−50 7 38.8	+20.017−.032	10.5	4
114	34	4.4	12 23.16	+3.1293+.0268	+38 10 54.9	+20.017−.033	10.7	4
115	42	7.0	12 24.29	+2.9760−.0347	−53 9 21.1	+20.017−.032	10.5	4
116	1	7.4*	12 25.30*	−0.5771+2.068	−88 51 48.1*	+20.016−.004	9.8	9,11
117	52	8.0	12 44.18	+3.0000−.0252	−44 21 8.8	+20.015−.033	10.3	4
118	7	6.7	12 50.17	+2.6774−.1142	−79 16 47.2	+20.014−.030	10.5	4
119	16	8.2	13 5.32	+2.8922−.0595	−67 4 1.6	+20.013−.033	10.5	4
120	11	7.7	13 18.20	+2.9309−.0468	−61 17 56.0	+20.012−.033	10.2	4
121	17	7.7	13 28.59	+2.8888−.0587	−66 51 31.9	+20.011−.033	10.0	4
122	44	4.5	13 37.30	+3.1308+.0253	+36 17 10.8	+20.011−.036	9.9	4
123	31	6.7	13 43.57	+3.0408−.0089	−21 38 17.9	+20.010−.035	9.9	4
124	74	6.8	13 47.89	+3.0119−.0189	−37 0 35.8	+20.010−.035	9.9	4
125	54	7.3	13 54.41	+2.9745−.0310	−50 24 16.1	+20.009−.035	9.9	4
126	8	8.0	13 58.13	+2.6232−.1136	−79 43 55.0	+20.009−.032	10.4	4
127	63	7.6	14 2.53	+2.9847−.0275	−47 1 56.5	+20.008−.035	10.0	4
128	79	8.2	14 9.63	+3.0240−.0143	−30 27 24.9	+20.008−.036	10.2	4
129	64	6.3	14 13.72	+2.9932−.0244	−43 44 7.2	+20.007−.036	10.2	4
130	12	8.2	14 23.38	+2.9192−.0463	−61 19 49.8	+20.006−.035	10.0	4
131	48	3.8	14 50.55	+3.0583−.0021	− 9 19 22.3	+20.004−.037	10.0	35,44
132	56	8.1	14 52.01	+2.9982−.0215	−40 36 52.2	+20.004−.037	10.0	4
133	68	7.4	14 53.26	+2.9795−.0273	−46 59 56.4	+20.004−.037	10.3	4
134	62	7.8	14 58.20	+2.9509−.0355	−54 20 38.1	+20.003−.036	10.5	4
135	25	8.0	15 2.48	+2.9196−.0440	−60 11 19.4	+20.003−.036	10.7	4
136	63	8.5	15 5.44	+2.9492−.0357	−54 30 37.5	+20.003−.037	10.8	4
137	69	7.3	15 9.24	+2.9638−.0313	−50 55 44.9	+20.002−.037	10.5	4
138	6	7.9	15 10.84	+2.6382−.1021	−78 29 19.8	+20.002−.034	10.7	4
139	13	4.3	15 23.35*	+2.8766−.0540	−65 24 13.1*	+20.001−.037	10.0	23,22
140	100	7.6	15 40.02	+3.0052−.0182	−36 24 8.4	+19.999−.038	9.7	4
141	103	6.7	16 16.20	+3.0301−.0102	−24 7 47.3	+19.996−.040	10.0	4
142	91	8.4	16 23.80	+3.0170−.0139	−30 11 14.7	+19.995−.040	9.9	4
143	10	8.0	16 25.21	+2.6330−.0947	−77 43 21.5	+19.994−.036	10.2	4
144	72	7.2*	16 25.52	+2.9930−.0207	−39 44 18.8	+19.994−.040	9.7	4
145	98	8.0	16 28.26	+3.0042−.0174	−35 26 3.2	+19.994−.040	10.7	4
146	12	5.4	16 29.07*	+2.8069−.0652	−70 7 28.3*	+19.994−.038	9.8	8
147	31	8.3	16 36.53	+2.7660−.0726	−72 28 40.4	+19.993−.038	10.2	4
148	104	7.2	16 45.28	+3.0008−.0180	−36 17 50.4	+19.992−.040	10.2	4
149	86	5.4	16 59.96	+3.0165−.0134	−29 28 45.0	+19.991−.041	9.9	15
150	73	8.8	17 12.53	+2.9306−.0354	−54 45 48.4	+19.989−.040	10.4	4

116S.P. 25^{s}.09, 48.″0, 10.0, 12.

146S.P. 29.13, 28.4, 10.3, 8.

139S.P. 23^{s}.34, 14.″3, 9.7, 8.

110 (19.″1).

No.	Name	Mag.	R. A. 1910	Prec. and Sec. Var.	Decl. 1910	Prec. and Sec. Var.	Epoch.	No. Obs.
		M	h m s	s s	° ′ ″	″ ″		
151	111	7.4	0 17 19.34	+3.0286−.0097	−23 30 16.1*	+19.989−.042	10.3	4
152	22	7.3	17 19.96	+2.8369−.0559	−66 48 12.6	+19.989−.040	10.5	4
153	9	5.9	17 38.89	+2.5919−.0928	−77 55 33.6	+19.986−.038	10.2	4
154	80	8.2*	17 40.43	+2.9895−.0198	−38 53 3.3	+19.986−.042	9.8	4
155	83	6.7	17 57.18	+2.9411−.0313	−51 29 34.6	+19.984−.042	9.8	4
156	21	7.4	18 16.21	+2.8762−.0449	−61 32 3.6	+19.982−.042	9.8	4
157	112	7.6	18 16.59	+2.9955−.0175	−35 53 11.0	+19.982−.043	10.1	6
158	83	6.8	18 19.54	+2.9837−.0204	−39 45 39.5	+19.982−.043	9.8	4
159	93	7.1	18 23.57	+2.9891−.0190	−37 54 9.2	+19.981−.043	9.8	4
160	138	6.7	18 42.46	+3.0056−.0145	−31 32 6.2	+19.979−.044	9.8	4
161	88	7.6	18 46.41	+2.9372−.0306	−51 2 51.9	+19.979−.044	9.7	4
162	101	7.0	18 51.71	+3.0082−.0137	−30 20 43.4	+19.978−.044	10.4	8
163	83	8.1	19 6.26	+2.9174−.0343	−54 20 19.8	+19.976−.044	10.0	4
164	85	7.7	19 12.40	+2.9154−.0345	−54 33 12.6	+19.976−.044	9.7	4
165	74	8.3	19 20.11	+2.9115−.0351	−55 2 13.6	+19.975−.044	10.3	5
166	70	7.9	19 20.33	+2.9390−.0292	−49 51 23.4	+19.975−.045	9.8	4
167	35	7.6	19 25.23	+2.8512−.0468	−62 55 34.0	+19.974−.044	9.8	4
168	15	8.1	19 27.25	+2.5729−.0854	−77 13 24.5	+19.974−.040	10.2	4
169	105	7.8	19 35.88	+2.9836−.0188	−37 54 33.7	+19.973−.046	9.7	5
170	108	7.8	19 50.75	+3.0123−.0119	−27 31 39.9	+19.971−.046	9.8	4
171	81	7.8	19 51.53	+2.9070−.0350	−55 3 50.5	+19.971−.045	10.2	4
172	35	*	20 6.43	+2.8993−.0686	−72 35 0.9	+19.969−.043	9.6	1
173	95	7.0*	20 17.68	+2.9237−.0307	−51 32 10.5	+19.967−.046	9.7	8
174	91	7.4	20 20.16	+2.9066−.0341	−54 28 55.2	+19.967−.046	9.7	4
175	107	7.6	20 29.80	+2.9636−.0222	−42 23 5.5	+19.966−.047	10.2	4
176	154	7.6	20 33.12	+3.0001−.0141	−31 11 21.5	+19.965−.048	10.2	4
177	27	7.8	20 46.27	+2.8195−.0488	−64 26 52.8	+19.964−.046	10.2	4
178	57	6.0	20 47.32	+3.0756+.0038	+ 1 26 28.8	+19.964−.049	9.9	7,12
179	92	7.0*	20 55.23	+2.9712−.0200	−39 45 24.4	+19.962−.048	10.1	4
180	16	2.9	21 2.22*	+2.5078−.0834	−77 45 39.7*	+19.962−.042	9.9	62,67
181	65	7.3	21 10.65	+3.0224−.0086	−22 7 48.7	+19.960−.049	10.4	4
182	118	7.0*	21 15.22	+3.0061−.0122	−28 12 28.8*	+19.960−.049	10.1	5
183	38	7.5	21 17.12	+2.9144−.0309	−51 54 6.3	+19.960−.048	10.2	4
184	162	7.5*	21 26.93	+2.9967−.0140	−31 14 48.1	+19.958−.049	10.4	4
185	30	8.2	21 27.23	+2.8105−.0485	−64 30 29.0	+19.958−.047	9.7	1
186	70	7.5	21 44.36	+3.0209−.0086	−22 10 16.4*	+19.956−.050	10.4	4
187	101	3.9	21 46.83	+2.9493−.0234	−44 10 44.7	+19.956−.049	9.7	4
188	81	7.3	21 47.58	+2.9655−.0202	−40 8 45.2	+19.955−.050	10.0	4
189	116	2.4	21 50.31	+2.9548−.0223	−42 47 40.8	+19.955−.050	10.0	19
190	82	8.5	22 21.99	+2.9175−.0286	−49 58 24.1	+19.951−.050	9.7	4
191	15	7.1	22 39.17	+2.7140−.0587	−69 48 17.3	+19.948−.048	9.7	4
192	138	6.0	22 44.16	+3.0078−.0107	−26 2 42.2	+19.947−.052	9.7	4
193	130	6.9	22 52.81	+2.9995−.0123	−28 44 28.9	+19.946−.052	9.7	4
194	136	7.6*	23 1.18	+2.9877−.0146	−32 19 37.7	+19.945−.052	10.1	6
195	41	9.2	23 13.52	+2.8434−.0396	−59 27 4.3	+19.943−.050	9.7	4
196	35	9.9	23 13.56	+2.8318−.0413	−60 40 32.8	+19.943−.050	9.8	1
197	37	9.0	23 25.80	+2.8287−.0414	−60 46 41.6	+19.941−.051	9.8	4
198	152	5.0	23 28.03	+2.9821−.0153	−33 30 14.4	+19.941−.053	10.1	18
199	88	7.7	23 43.22	+2.8863−.0319	−53 27 1.8	+19.939−.052	9.8	4
200	125	6.8	23 45.50	+2.9942−.0127	−29 32 15.6	+19.938−.054	10.1	4

180 S.P. 2.23, 39.5, 9.9, 59,57. 151 16.3, 14.4, 17.1, 16.8. 172 Cluster

182 28.3, 30.7, 29.2, 27.8, 28.3 186 15.7, 15.4, 16.3, 18.0.

No.	Name	Mag.	R. A. 1910	Prec. and Sec. Var.	Decl. 1910	Prec. and Sec. Var.	Epoch.	No. Obs.
		M	h m s	s s	° ′ ″	″ ″		
201	94	8.2	0 23 55.90	+2.8727−.0338	−55 7 15.9	+19.937−.052	9.7	4
202	109	9.0	23 56.29	+2.8997−.0294	−51 7 31.6	+19.937−.053	10.2	4
203	126	7.2	23 57.31	+2.9927−.0129	−29 46 53.7	+19.936−.054	10.2	4
204	93	5.3	24 0.41	+2.9536−.0201	−40 24 43.3	+19.936−.054	10.2	4
205	6	8.1	24 7 49	+1.8131−.0443	−83 38 13.7	+19.935−.036	9.7	4
206	155	7.2	24 20.48	+3.0060−.0101	−25 8 4.5	+19.933−.055	10.2	4
207	113	6.4	24 22.05	+2.8972−.0292	−51 1 49.8	+19.933−.053	10.3	4
208	99	8.0	24 24.02	+2.8702−.0334	−54 55 44.3	+19.932−.053	10.3	4
209	82	9.8	24 24.50	+2.8600−.0350	−56 14 13.8	+19.932−.053	10.0	4
210	116	9.5	24 47.93	+2.8936−.0292	−51 6 22.3	+19.929−.054	10.2	5
211	83	9.1	24 52.20	+2.8568−.0347	−56 8 12.2	+19.928−.054	9.8	4
212	112	6.8	24 58.67	+2.9454−.0205	−41 9 46.4	+19.927−.055	10.0	4
213	163	7.7*	25 6.82	+2.9774−.0148	−33 4 15.8	+19.926−.056	10.0	7
214	154	6.6	25 21.39	+2.9781−.0145	−32 36 46.6	+19.923−.056	10.1	4
215	54	6.0	25 26.72	+3.0610+.0010	− 4 27 16.5	+19.922−.058	10.0	26,41
216	114	8.9	25 33.04	+2.9435−.0202	−40 57 35.4	+19.922−.056	10.0	4
217	39	8.1	25 47.85	+2.8094−.0397	−60 17 31.5	+19.919−.054	10.4	4
218	179	5.2	25 52.74	+3.0046−.0095	−24 17 7.8	+19.918−.058	9.8	12
219	116	6.3	26 4.16	+2.9386−.0205	−41 26 14.7	+19.916−.057	10.5	4
220	103	6.7	26 4.57	+2.9451−.0195	−40 0 50.6	+19.916−.057	10.2	4
221	102	5.6	26 4.91	+2.8997−.0266	−48 42 36.9	+19.916−.056	10.7	4
222	132	9.2	26 9.54	+2.9062−.0255	−47 31 57.2	+19.916−.057	10.5	4
223	107	7.8	26 24.07	+2.8493−.0334	−55 28 5.2	+19.913−.056	10.0	4
224	125	7.6	26 56.56	+2.9206−.0225	−44 6 12.6	+19.908−.058	9.7	4
225	140	7.9	27 2.29	+2.9074−.0243	−46 23 54.7	+19.907−.058	9.7	4
226	115	4.9	27 4.71	+2.8894−.0269	−49 18 4.0	+19.906−.058	9.9	14
227	92	8.2	27 7.00	+2.8320−.0346	−56 44 17.3	+19.906−.057	10.2	4
228	105	7.8	27 19.63	+2.8568−.0311	−53 36 54.0	+19.904−.058	10.0	4
229	50[1]	4.5	27 25.46	+2.7532−.0435	−63 27 13.9	+19.903−.056	10.2	19
230	50[2]	4.5	27 26.22	+2.7529−.0435	−63 27 40.8	+19.902−.056	10.0	11
231	185	7.3	27 51.95	+2.9964−.0098	−25 8 37.3	+19.898−.061	10.1	4
232	160	6.9	28 10.38	+2.9931−.0102	−25 51 18.8	+19.895−.062	9.7	4
233	99	10.0	28 37.88	+2.8217−.0338	−56 24 59.0	+19.890−.060	9.8	4
234	52	5.2	28 38.06	+2.7381−.0429	−63 31 37.2	+19.890−.058	9.7	4
235	164	7.5	29 7.90	+2.9877−.0105	−26 35 18.2	+19.884−.064	9.9	7
236	165	7.2	29 8.26	+2.9372−.0180	−38 36 34.3	+19.884−.063	9.8	4
237		9.7	29 9.05	+2.9877−.0105	−26 35 7.4	+19.884−.064	10.0	4
238	128	8.1	29 13.46	+2.9340−.0184	−39 10 53.2	+19.883−.063	9.9	4
239	156	5.6	29 14.02	+2.9742−.0125	−30 3 14.4	+19.883−.064	9.8	8
240	103	7.5	29 16.88	+2.8217−.0329	−55 49 30.2	+19.883−.061	10.0	4
241	170	6.6	29 19.26	+2.9510−.0159	−35 29 8.3	+19.882−.063	10.1	4
242	123	7.5	29 25.14	+2.9268−.0193	−40 25 15.9	+19.881−.063	10.5	4
243	29	8.0	29 25.86	+2.7554−.0399	−61 38 37.6	+19.881−.060	10.4	4
244	131	8.2	29 29.54	+2.9299−.0188	−39 44 28.4	+19.880−.063	10.5	4
245	20	6.1	29 34.70*	+2.5505−.0556	−71 45 44.8*	+19.879−.056	9.9	9
246	183	8.1	29 39.22	+2.9615−.0142	−32 46 55.1	+19.878−.064	10.7	4
247	18	8.5	29 47.16	+2.6458−.0490	−67 54 20.9	+19.877−.058	10.7	4
248	115	8.0	29 49.34	+2.7995−.0347	−57 34 54.2	+19.876−.061	10.3	4
249	145	6.9	29 57.56	+2.9105−.0210	−42 55 40.8	+19.875−.064	9.8	4
250	149	6.8	30 5.75	+2.8918−.0234	−45 55 20.4	+19.874−.064	9.8	4

245S.P. 34^{s}.89, 45$^{''}$.6, 9.5, 9.

No.	Name	Mag.	R. A. 1910	Prec. and Sec. Var.	Decl. 1910	Prec. and Sec. Var.	Epoch.	No. Obs.
		M	h m s	s s	° ′ ″	″ ″		
251	117	5.6	0 30 11.11	+2.8407−.0296	−52 52 12.9	+19.872−.063	9.9	4
252	174	7.4	30 16.63	+2.9325−.0178	−38 29 31.5	+19.871−.065	10.0	4
253	171	7.7	30 33.92	+2.9834−.0104	−26 37 17.9	+19.868−.066	9.7	4
254	62	5.2	30 36.89	+3.0598+.0015	− 4 5 17.6	+19.867−.068	9.9	8,20
255	68	5.4	30 55.54	+3.0694+.0031	− 0 59 59.7	+19.864−.069	9.8	5
256	136	8.5	30 59.78	+2.8241−.0305	−54 2 40.9	+19.863−.064	9.8	4
257	135	7.5	31 11.38	+2.9191−.0189	−40 14 17.1	+19.861−.066	9.8	4
258	117	5.9	31 21.59	+2.8091−.0317	−55 18 58.9	+19.859−.064	9.8	4
259	121	5.5	31 23.72	+2.8663−.0252	−48 29 39.5	+19.858−.066	9.7	4
260	220	6.1	31 38.25	+2.9932−.0084	−23 20 12.6	+19.855−.068	9.8	4
261	51	8.9	31 41.52	+2.7285−.0391	−61 49 52.8	+19.855−.063	10.2	4
262	138	8.5	31 44.91	+2.8555−.0261	−49 37 13.7	+19.854−.066	10.2	4
263	43	6.9	31 54.09	+2.7486−.0370	−60 12 45.3	+19.852−.064	10.0	4
264	51	9.6	31 59.71	+2.4989−.0533	−72 2 14.3	+19.851−.059	10.5	4
265	101	4.4	32 4.19	+3.1946+.0245	+33 13 26.3	+19.850−.073	10.1	10
266	141	6.8	32 18.83	+2.8517−.0260	−49 37 28.2	+19.847−.067	10.2	4
267	30	9.2	32 26.46	+2.7246−.0384	−61 32 34.6	+19.846−.064	9.9	4
268	58	6.4	32 39.91	+2.6537−.0436	−65 37 11.1	+19.843−.063	10.0	4
269	225	5.7	32 43.40	+2.9828−.0094	−25 15 44.4	+19.842−.070	10.0	12,16
270	29	8.1	32 48.14	+2.5508−.0495	−69 55 42.0	+19.841−.061	10.4	4
271	193	8.3	32 48.56	+2.8992−.0201	−42 15 49.4	+19.841−.069	10.2	4
272	168	8.8	32 52.94	+2.8621−.0243	−47 45 34.2	+19.840−.068	10.2	4
273	205	7.0	32 55.86	+2.9242−.0169	−37 46 56.3	+19.839−.069	10.0	4
274	130	6.4	33 6.92	+2.7988−.0307	−54 53 20.7	+19.837−.067	10.0	4
275	144	7.9	33 22.29	+2.8035−.0300	−54 12 57.7	+19.834−.068	10.1	4
276	121	8.7	33 27.79	+2.7826−.0319	−56 9 18.8	+19.833−.067	10.3	4
277	75	6.9	33 28.39	+3.0691+.0032	− 0 59 53.8	+19.833−.074	10.1	5
278	67	6.8	33 29.13	+2.2426−.0539	−76 48 17.6	+19.832−.056	10.2	4
279	198	7.1	33 46.44	+2.8953−.0198	−42 5 14.0	+19.829−.070	10.0	4
280	103	4.5	33 47.78	+3.1806+.0211	+28 49 23.4*	+19.828−.077	10.0	8,23
281	154	8.0	33 48.95	+2.8279−.0271	−51 13 44.3	+19.828−.069	9.8	4
282	68	8.1	34 0.76	+2.2739−.0532	−76 6 8.0	+19.826−.058	9.8	4
283	169	7.4	34 10.70	+2.8640−.0229	−46 23 52.3	+19.824−.070	9.7	4
284	43	7.2	34 13.02	+2.6145−.0438	−66 32 20.6	+19.823−.065	9.8	4
285	234	6.6	34 20.82	+2.9769−.0094	−25 36 7.4	+19.821−.073	9.7	4
286	91	3.5	34 30.70	+3.1900+.0224	+30 22 6.8	+19.819−.078	10.2	11
287	167	7.6	34 34.99	+2.8799−.0209	−43 47 24.6	+19.818−.072	9.8	4
288	207	7.8	34 44.88	+2.8882−.0198	−42 23 39.2	+19.816−.072	10.0	4
289	53	7.6*	34 51.62	+2.3446−.0517	−74 27 17.5	+19.815−.060	10.0	4
290	39	6.9	35 5.28	+2.7404−.0337	−58 27 42.8	+19.812−.069	10.1	4
291	42	6.9	35 9.29	+2.3773−.0509	−73 37 56.9	+19.811−.061	9.9	4
292	209	8.4	35 26.42	+2.8862−.0196	−42 9 6.0	+19.807−.073	9.8	4
293	224	6.8	35 32.20	+2.9309−.0145	−34 27 11.4	+19.806−.074	9.8	4
294	201	6.0	35 34.73	+2.8638−.0218	−45 17 28.2	+19.805−.073	9.9	4
295	160	8.1	35 41.60	+2.9020−.0176	−39 26 25.7	+19.803−.074	10.1	5
296	74	8.5	35 54.62	+2.8033−.0274	−52 14 20.9	+19.800−.072	10.0	4
297	263	6.2	36 0.98	+2.9781−.0086	−24 17 25.0	+19.799−.076	9.9	4
298	195	6.9*	36 7.97	+2.9518−.0117	−29 54 55.0	+19.797−.076	10.1	6
299	46	5.8	36 12.84	+2.7088−.0349	−59 57 35.6	+19.796−.070	9.8	4
300	129	7.4	36 22.58	+2.7593−.0308	−56 0 22.4	+19.794−.072	9.8	4

280 (25″.4)

No.	Name	Mag.	R. A. 1910	Prec. and Sec. Var.	Decl. 1910	Prec. and Sec. Var.	Epoch.	No. Obs.
		M	h m s	s s	° ′ ″	″ ″		
301	161	8.8	0 36 29.48	+2.8192-.0254	-50 4 58.8	+19.792-.074	10.0	4
302	55	8.5	36 33.42	+2.3196-.0491	-74 15 21.0	+19.792-.062	10.0	4
303	7	8.0	36 33.36	+0.2184+.3452	-85 44 47.0	+19.792-.013	9.8	4
304	180	8.3	36 35.52	+2.8877-.0186	-41 1 30.6	+19.791-.075	9.9	4
305	145	7.4	36 41.15	+2.7825-.0285	-53 42 9.9	+19.790-.073	10.2	4
306	25	8.4	37 1.13	+2.5218-.0443	-68 40 50.2	+19.785-.068	10.0	4
307	180	4.6	37 4.51	+2.8451-.0225	-46 34 44.0	+19.784-.075	9.9	4
308	264	6.7	37 7.61	+2.9688-.0093	-25 41 21.7	+19.784-.078	10.0	4
309	9	8.0	37 14.50	+1.6838-.0137	-81 9 3.2	+19.782-.048	9.8	4
310	10	8.6	37 29.12	+1.1545+.0693	-83 31 36.9	+19.778-.036	9.9	4
311	190	7.1	37 40.20	+2.8641-.0202	-43 37 6.5	+19.776-.077	9.7	4
312	143	5.8	37 40.39	+2.7358-.0313	-56 59 47.0	+19.776-.074	10.0	4
313	132[1]	8.1	37 54.55	+2.7429-.0305	-56 16 29.7	+19.772-.074	9.8	4
314	132[2]	8.6	37 54.76	+2.7428-.0305	-56 16 35.9	+19.772-.074	9.8	4
315	241	7.2*	38 16.31	+2.9080-.0154	-36 30 57.4	+19.767-.079	10.1	5
316	175	6.1	38 23.24	+2.8924-.0170	-38 57 23.7	+19.766-.079	10.5	4
317	159	8.1	38 26.66	+2.7585-.0288	-54 36 33.2	+19.765-.076	10.6	4
318	160	8.5	38 28.34	+2.7582-.0288	-54 36 25.0	+19.764-.076	10.6	4
319	133	8.8	38 37.58	+2.7359-.0304	-56 20 13.3	+19.762-.075	10.0	4
320	47	5.5	38 37.92*	+2.5698-.0402	-65 57 44.8*	+19.762-.071	9.8	8
321	49	5.8	38 39.72	+2.6718-.0347	-60 45 17.2	+19.762-.074	10.5	4
322	8	7.7	38 42.67	-0.0659+.4342	-85 54 20.7	+19.761-.007	9.7	4
323	50	7.1	38 51.69	+2.5636 .0402	-66 6 6.1	+19.758-.072	10.2	4
324	223	7.7	38 52.48	+2.8932-.0166	-38 28 22.9	+19.758-.080	10.2	4
325	222	7.0	39 2.34	+2.8406-.0214	-45 40 29.0	+19.756-.079	10.5	4
326	115	2.2	39 4.38	+2.9967-.0054	-18 28 49.8	+19.755-.082	10.0	49,56
327	42	4.5	39 18.82	+2.7081-.0316	-57 57 23.4	+19.752-.076	10.0	16
328	225	7.5	39 28.93	+2.8938-.0162	-37 57 55.4	+19.749-.081	10.5	4
329	9	6.8	39 40.89	-0.3885+.5596	-86 11 39.1	+19.746+.001	9.8	4
330	183	4.7	39 42.26	+3.3265+.0417	+47 47 31.1	+19.746-.092	9.8	4
331	181	6.0	39 51.16	+2.8858-.0167	-38 55 2.7	+19.744-.081	9.8	8
332	223	7.7	39 59.02	+2.9543-.0097	-27 0 43.7	+19.742-.083	10.0	4
333	179	6.9	40 3.24*	+2.7968-.0244	-49 52 43.1	+19.741-.079	10.4	4
334	181	7.8	40 11.23	+2.7927-.0246	-50 11 58.0	+19.739-.080	10.6	4
335	127	5.3	40 17.25	+2.9757-.0073	-22 30 2.9	+19.737-.084	10.3	8
336	204	8.3	40 20.19	+2.8536-.0194	-43 5 29.1	+19.736-.081	10.5	4
337	168	8.4	40 21.20	+2.7581-.0272	-53 19 50.7	+19.736-.079	10.8	4
338	274	7.6	40 22.53	+2.9268-.0124	-31 52 54.5	+19.736-.083	10.2	4
339	165	8.2	40 24.50	+2.7402-.0284	-54 48 21.9	+19.735-.078	10.2	4
340	72	6.2	40 36.95	+2.6103-.0360	-62 59 25.5	+19.732-.076	10.2	4
341	207	6.0	40 41.95	+2.8511-.0194	-43 10 0.1	+19.731-.082	10.3	4
342	60	7.7	40 48.96	+2.2038-.0424	-74 45 25.2	+19.729-.065	10.5	4
343	53	6.7	40 50.21*	+2.5374-.0389	-66 7 25.3	+19.729-.074	10.5	4
344	166	6.3	40 51.78	+2.7438-.0278	-54 12 26.7	+19.728-.079	10.3	4
345	26	8.3	41 0.26	+2.3550-.0428	-71 39 40.9	+19.726-.070	10.4	4
346	73	6.8	41 2.68	+2.5911-.0365	-63 41 16.9	+19.725-.076	10.1	4
347	190	7.6	41 9.08	+2.7948-.0238	-49 19 43.2	+19.724-.081	10.0	4
348	210	8.6	41 17.45	+2.8442-.0196	-43 38 2.0	+19.722-.083	9.8	4
349	149	9.3*	41 26.39	+2.7315-.0281	-54 49 36.4	+19.719-.080	10.3	4
350	249[1]	8.3	41 29.75	+2.8528-.0187	-42 23 58.2	+19.718-.083	10.3	4

320 S.P. $37^s.94$, $46''.6$, 9.9, 16

333 $3^s.43$ included

343 $49^s.94$ included.

No.	Name	Mag.	R. A. 1910	Prec. and Sec. Var.	Decl. 1910	Prec. and Sec. Var.	Epoch.	No. Obs.
		M	h m s	s s	° ′ ″	″ ″		
351	249[2]	8.8	0 41 30.30	+2.8527−.0187	−42 23 56.3	+19.718−.083	9.8	1
352	175	7.8	41 31.58	+2.7975−.0233	−48 47 32.7	+19.718−.082	10.5	4
353	103	9.0	41 31.83	+3.1788+.0180	+23 48 37.9	+19.718−.092	9.5	1
354	176	5.8	41 32.44	+2.8045−.0227	−48 2 45.5	+19.718−.082	10.2	4
355	293	5.6	41 43.45	+2.9698−.0074	−23 0 50.1	+19.715−.087	10.2	4
356	21	6.6	41 47.56	+1.8734−.0272	−78 34 27.4	+19.714−.058	10.5	4
357	198	8.5	41 51.76	+2.8332−.0202	−44 35 41.7	+19.712−.083	10.0	4
358	228	6.8	42 14.42	+2.9272−.0115	−30 40 57.6	+19.706−.087	9.7	4
359	47	7.2	42 25.17	+2.6724−.0309	−58 25 9.8	+19.704−.080	10.0	4
360	174	7.8	42 33.93	+2.7253−.0276	−54 35 41.9	+19.701−.082	9.8	4
361	106	4.3	42 33.91	+3.1812+.0180	+23 46 39.7*	+19.701−.094	10.1	22,33
362	90	8.6	42 40.06	+2.7502−.0259	−52 29 44.4	+19.700−.083	10.3	4
363	256	9.5	42 46.44	+2.8466−.0185	−42 20 16.8	+19.698−.085	10.0	4
364	273	7.7	43 13.42	+2.8808−.0153	−37 25 21.9	+19.690−.087	9.7	4
365	302	7.1	43 19.10	+2.9166−.0120	−31 50 39.2	+19.689−.088	10.5	5
366	240	7.6*	43 33.15	+2.9277−.0109	−29 50 7.9	+19.685−.089	10.2	4
367	134	5.4	43 33.90	+2.9694−.0069	−22 12 48.6	+19.685−.090	10.1	4
368	305	8.7	43 36.63	+2.9094+.0126	−32 49 34.0	+19.684−.089	10.7	1
369	123	5.8	43 39.71	+3.0938+.0068	+ 4 49 4.7	+19.683−.094	10.1	5
370	107	4.6	44 0.71	+3.1043+.0080	+ 7 5 43.2	+19.678−.095	9.9	9,11
371	225	6.7	44 17.32	+2.9304−.0104	−28 59 6.1	+19.673−.090	10.2	4
372	339	8.2	44 18.92	+2.9548−.0080	−24 38 1.1	+19.672−.091	10.8	2
373	180	8.1	44 28.98	+2.7200−.0264	−53 49 24.3	+19.670−.085	9.7	4
374	119	7.0	44 39.24	+2.9699−.0065	−21 38 27.8	+19.667−.092	10.2	4
375	274	7.6	44 42.36	+2.8790−.0147	−36 45 16.8	+19.666−.090	10.5	4
376	153	9.6	44 45.26	+2.6796−.0285	−56 34 48.3	+19.665−.084	10.7	4
377	229	6.2	44 46.31	+2.7925−.0214	−47 11 19.8	+19.665−.088	10.6	4
378	345	6.1	44 47.87	+2.9535−.0080	−24 37 33.2	+19.664−.092	10.6	4
379	226	7.6	44 49.72	+2.8299−.0186	−43 3 9.0	+19.664−.089	10.6	4
380	171	4.4	44 50.77*	+3.2951+.0330	+40 35 19.9	+19.663−.102	10.0	7
381	315	7.2	44 57.42	+2.9582−.0075	−23 42 22.9	+19.662−.092	10.5	4
382	37	8.1	44 59.50	+2.6049−.0320	−60 51 40.3	+19.661−.082	10.8	4
383	347	6.2	45 7.62	+2.9569−.0076	−23 51 8.6	+19.659−.093	10.2	4
384	183	7.5	45 9.71	+2.7089−.0266	−54 15 50.2	+19.658−.086	10.5	4
385	38	9.2	45 12.74	+2.5893−.0325	−61 32 24.3	+19.657−.082	10.5	4
386	10	8.2*	45 23.55	−1.0877+.7968	−86 22 59.4	+19.654+.023	9.8	4
387	64	5.0	45 28 33*	+2.0603−.0336	−75 24 47.9*	+19.653−.068	10.0	13,12
388	186	8.2	45 32.40	+2.7006−.0268	−54 39 17.4	+19.652−.086	10.2	4
389	153	5.2	45 37.16	+3.0205−.0012	−11 7 44.4	+19.650−.096	9.9	4
390	216	6.8	45 50.86	+2.8171−.0190	−43 53 7.3	+19.646−.090	10.4	4
391	215	8.9	45 52.16	+2.8407−.0172	−41 6 37.7	+19.646−.091	9.9	4
392	51	7.2	45 59.31	+2.6483−.0292	−57 52 35.5	+19.644−.085	10.0	4
393	68	8.8*	46 11.17	+2.1416−.0353	−73 58 7.2	+19.640−.071	10.2	4
394	209	5.2	46 35.48	+2.7336−.0241	−51 28 40.4	+19.633−.089	9.6	4
395	208	7.1	47 5.95	+2.8515−.0157	−39 1 3.8	+19.624−.093	9.8	4
396	28	7.1	47 32.25	+2.2431−.0357	−71 38 31.9	+19.616−.076	9.8	4
397	190	9.8	47 34.93	+2.8348−.0167	−40 47 30.3	+19.615−.094	10.2	4
398	226	6.6	47 40.28	+2.8042−.0189	−44 11 54.2	+19.614−.093	9.9	4
399	241	8.1	47 44.10	+2.8136−.0182	−43 7 55.8	+19.613−.093	9.8	4
400	129	7.5	47 46.95	+2.9630−.0062	−21 35 46.2	+19.612−.098	10.0	4

387S.P. $28^{s}.41$, $47''.8$, 10.0, 10.

361 ($36''.7$). 380 $50^{s}.61$ included.

No.	Name	Mag.	R. A. 1910	Prec. and Sec. Var.	Decl. 1910	Prec. and Sec. Var.	Epoch.	No. Obs.
		M	h m s	s s	° ′ ″	″ ″		
401	334	7.3	0 47 47.82	+2.9545−.0070	−23 6 5.6	+19.612−.098	10.1	4
402	179	8.3	47 54.04	+2.6444−.0279	−57 4 8.6	+19.610−.088	10.0	4
403	130	7.9	48 4.72	+2.9630−.0061	−21 29 0.0	+19.607−.098	10.2	4
404	376	5.6	48 15.58	+2.9452−.0076	−24 29 45.0	+19.603−.098	10.1	5
405	114	4.9	48 24.48	+3.0645+.0037	− 1 37 58.4	+19.601−.102	10.3	14,24
406	325	7.2	48 35.79	+2.9046−.0109	−30 50 48.1	+19.597−.097	10.0	4
407	116	8.0	48 37.14	+2.7118−.0240	−52 2 23.7	+19.597−.092	9.8	4
408	338[1]	6.6	48 47.49	+2.9392−.0080	−25 16 0.3	+19.593−.099	9.8	4
409	338[2]	8.4	48 47.56	+2.9392−.0080	−25 15 54.8	+19.593−.099	10.1	4
410	84	7.0	48 52.59	+2.4866−.0326	−64 13 52.9	+19.592−.085	10.0	4
411	37	7.1	48 59.36	+2.2940−.0346	−69 59 28.3	+19.590−.079	9.9	4
412	38	7.6	49 3.38	+2.2930−.0346	−69 59 24.3	+19.589−.079	9.9	4
413	441	8.4	49 11.89	+2.5468−.0307	−61 33 57.3	+19.586−.088	10.1	4
414	442	9.0	49 12.74	+2.5466−.0307	−61 33 55.5	+19.586−.088	10.1	4
415	16	8.0	49 32.03	+0.2340+.2506	−84 14 3.1*	+19.580−.016	9.8	4
416	337	7.9	49 44.43	+2.8869−.0119	−32 49 23.1	+19.576−.099	10.0	6
417	245	7.0	49 52.87	+2.7373−.0217	−49 16 47.5	+19.573−.094	9.7	4
418	83	5.6	49 53.43	+2.4971−.0315	−63 21 35.6	+19.573−.087	9.7	4
419	179	7.7	49 58.32	+2.6584−.0257	−55 4 52.2	+19.571−.092	10.0	4
420	68	7.8*	50 5.23	+1.9804−.0267	−75 8 26.6	+19.569−.071	9.8	4
421	247	7.8	50 18.24	+2.7326−.0218	−49 26 7.7	+19.565−.095	9.8	4
422	55	7.4	50 21.29	+2.6084−.0276	−57 53 28.9	+19.564−.091	9.8	4
423	12	8.7	50 34.48	−0.5829+.5084	−85 25 29.2	+19.560+.010	9.8	4
424	69	8.5	50 40.36	+2.0258−.0281	−74 21 27.6	+19.558−.073	9.8	4
425	355	7.3	50 58.64	+2.9341−.0077	−25 8 51.9	+19.552−.103	9.8	4
426	69	8.0	51 5.25	+2.4106−.0322	−65 56 48.4	+19.550−.086	10.2	4
427	216	6.9	51 6.25	+2.7456−.0206	−47 53 21.8	+19.550−.097	10.3	4
428	288	6.2	51 33.68	+2.9122−.0093	−28 15 47.7	+19.541−.103	10.3	8
429	40	5.3	51 38.86*	+2.2514−.0322	−70 0 49.5*	+19.539−.082	9.7	8
430	175	3.9	51 45.22	+3.3064+.0308	+38 0 40.8	+19.537−.116	10.2	26
431	212	6.5	51 53.90	+2.6644−.0242	−53 40 42.8	+19.534−.096	9.7	4
432	28	8.3	51 57.57	+2.2853−.0322	−69 6 55.4	+19.533−.083	10.0	4
433	74	6.8*	52 0.98	+1.9663−.0248	−74 47 35.0	+19.532−.073	9.8	4
434	303	7.2	52 25.79	+2.9257−.0080	−25 51 1.6	+19.524−.105	10.3	5
435	91	7.2	52 38.94	+2.4360−.0306	−64 26 58.1	+19.519−.089	10.0	4
436	60	9.2	52 40.83	+2.5397−.0283	−60 15 2.2	+19.519−.093	10.0	4
437	241	8.6	53 23.95	+2.7972−.0164	−41 44 29.6	+19.504−.102	9.7	4
438	127	8.1	53 38.83	+2.6648−.0231	−52 45 10.5	+19.499−.098	9.7	4
439	16	8.4	53 43.48	+0.4860+.1712	−83 9 23.8	+19.498−.025	9.8	4
440	58	8.4	53 46.58	+2.0199−.0258	−73 33 16.8	+19.497−.077	9.8	4
441	314	8.0	53 49.86	+2.9184−.0081	−26 21 46.4	+19.496−.107	9.8	4
442	130	8.9	54 2.64	+2.6694−.0227	−52 14 37.0	+19.491−.099	10.0	4
443	297	4.4	54 16.24*	+2.8926−.0098	−29 50 37.2	+19.487−.107	10.2	24,44
444	62	7.2	54 23.72*	+2.3306−.0303	−67 2 48.6*	+19.484−.088	9.7	8
445	50	6.4	54 37.93	+2.4989−.0280	−61 10 58.5	+19.479−.094	9.8	4
446	237	7.3	54 44.43	+2.6714−.0222	−51 45 5.0	+19.477−.100	9.8	4
447	37	7.5	54 50.04	+1.6963−.0077	−77 2 26.0	+19.475−.067	9.9	4
448	51	9.2	54 52.05	+2.4948−.0279	−61 15 18.5	+19.474−.095	9.8	4
449	336	7.7*	55 9.45	+2.8485−.0124	−35 7 20.5	+19.468−.107	9.8	4
450	270	7.3	55 50.75	+2.6850−.0210	−50 14 9.7	+19.454−.103	9.7	4

429 S.P. $39^s.00$, $49''.4$, 9.6, 8.

415 $3''.1$, $2''.6$, $4''.9$, $2''.0$.

444 S.P. $23^s.78$, $49''.6$, 10.0, 14.

443 ($16^s.08$)

No.	Name	Mag.	R. A. 1910	Prec. and Sec. Var.	Decl. 1910	Prec. and Sec. Var.	Epoch.	No. Obs.
		M	h m s	s s	° ′ ″	″ ″		
451	241	7.6	0 56 10.79	+2.6719-.0214	-51 0 36.2	+19.447-.103	9.8	4
452	367	7.0*	56 20.85	+2.8299-.0132	-36 43 23.5	+19.443-.109	10.1	12
453	213	7.8	56 31.93	+2.5620-.0251	-57 24 52.5	+19.439-.100	9.8	4
454	65	8.8	56 32.72	+2.2752-.0288	-67 44 12.9	+19.439-.089	10.1	4
455	228	7.4	56 43.51	+2.6370-.0225	-53 4 3.6	+19.435-.102	9.9	4
456	67	9.2	56 45.04	+2.4876-.0268	-60 45 8.0	+19.435-.097	10.0	4
457	81	8.2	56 59.53	+1.7233-.0089	-76 17 57.7*	+19.429-.070	10.0	4,3
458	387	7.8	57 5.83	+2.8516-.0116	-33 50 41.0	+19.427-.111	9.7	4
459	260	5.6	57 6.16	+2.8018-.0145	-39 24 8.7	+19.427-.109	9.8	8
460	82	9.2	57 6.94	+1.7206-.0087	-76 17 54.4	+19.427-.070	10.1	4
461	198	8.8	57 22.18	+2.5696-.0244	-56 38 35.4	+19.421-.101	10.0	4
462	344	6.7	57 22.47	+2.8073-.0141	-38 41 48.8*	+19.421-.110	10.4	4,3
463	448	8.0	57 25.94	+2.9259-.0065	-23 52 13.3	+19.420-.114	10.2	4
464	58	6.9	57 37.40	+2.4640-.0267	-61 20 49.0	+19.416-.098	10.0	4
465	230	8.3	57 47.81	+2.6168-.0226	-53 48 10.1	+19.412-.103	10.0	4
466	59	8.1*	57 57.34	+1.9664-.0213	-73 10 54.1	+19.408-.080	10.7	4
467	282	8.2	58 4.80	+2.6712-.0204	-50 8 20.1	+19.406-.106	10.5	4
468	410	5.5	58 8.62	+2.8626-.0105	-32 2 10.8	+19.404-.113	9.8	12
469	220	6.0	58 13.62	+2.5456-.0246	-57 29 13.0	+19.402-.102	10.2	4
470	153	4.4	58 16.24	+3.1162+.0089	+ 7 24 20.7*	+19.402-.122	10.0	35,55
471	76	7.6	58 31.02	+2.0317-.0233	-72 1 57.5	+19.396-.083	10.5	4
472	378	8.5	58 38.58	+2.8102-.0134	-37 47 49.8	+19.393-.112	10.2	4
473	379	8.5	58 40.04	+2.8104-.0134	-37 46 5.1	+19.393-.112	10.2	4
474	312	7.7	58 42.08	+2.6996-.0189	-47 46 4.7	+19.392-.108	10.5	4
475	313	5.3	58 46.01	+2.7106-.0184	-46 52 52.2	+19.391-.108	10.2	4
476	325	6.4	58 59.90	+2.8760-.0094	-30 0 31.0	+19.385-.115	10.0	4
477	208	8.1	59 3.17	+2.5573-.0238	-56 32 16.8	+19.384-.103	10.3	4
478	412	7.6	59 7.51	+2.8548-.0107	-32 33 41.8	+19.383-.114	9.8	4
479	260	7.2	59 9.48	+2.7706-.0153	-41 30 16.2	+19.382-.111	10.1	4
480	174	6.1	59 11.03	+3.0778+.0055	+ 0 53 4.4	+19.381-.123	9.8	5
481	80	6.2	59 16.33	+2.3070-.0271	-65 56 22.8	+19.379-.094	10.3	4
482	295	9.0*	59 29.98	+2.7327-.0170	-44 43 31.5	+19.374-.110	10.0	4
483	73^1	7.3	59 38.62	+2.4628-.0255	-60 34 42.5	+19.371-.100	9.8	5
484	73^2	7.6	59 39.23	+2.4626-.0255	-60 34 45.2	+19.371-.100	9.8	5,4
485	263	7.2	59 46.75	+2.7715-.0151	-41 7 52.9	+19.368-.112	9.8	4
486	264	7.4	0 59 52.66	+2.7723-.0150	-41 0 46.7	+19.366-.113	9.8	4
487	411	6.6	1 0 17.92	+2.8380-.0113	-34 0 54.3	+19.356-.116	10.2	7
488	259	6.9	0 22.94	+2.6802-.0189	-48 25 24.6	+19.354-.110	9.7	4
489	28	7.3	0 26.78	+1.4288+.0154	-78 1 58.6	+19.353-.062	9.8	4
490	372	7.7	0 57.34	+2.7976-.0132	-38 2 46.8	+19.341-.115	10.1	6
491	240	7.3	1 13.54	+2.7685-.0146	-40 45 6.6	+19.335-.115	9.8	4
492	352	8.1	1 14.86	+2.8893-.0079	-27 26 9.8	+19.334-.119	10.0	4
493	79	8.6	1 27.61	+1.9331-.0183	-72 44 6.1	+19.329-.083	9.9	4
494	377	8.1	1 38.97	+2.7526-.0152	-42 0 43.6	+19.325-.115	10.0	4
495	25	8.6	1 47.73	+1.2701+.0312	-78 49 39.5	+19.322-.058	9.9	4
496	380	8.8	1 58.85	+2.7512-.0151	-41 59 2.0	+19.317-.115	10.3	4
497	85	8.8	2 3.59	+2.4048-.0249	-61 50 20.2	+19.316-.102	10.3	4
498	374	7.8	2 4.17	+2.8196-.0117	-35 16 45.6	+19.315-.118	10.0	4
499	324	3.4	2 4.20	+2.6864-.0179	-47 12 1.6	+19.315-.113	10.1	20
500	86	8.8	2 6.41	+2.3818-.0251	-62 37 9.0	+19.314-.101	10.2	4

457 (55″.1). 462 (51″.7). 470 18″.7, 22″.1 included.

No.	Name	Mag.	R. A. 1910	Prec. and Sec. Var.	Decl. 1910	Prec. and Sec. Var.	Epoch.	No. Obs.
		M	h m s	s s	° ′ ″	″ ″		
501	83	7.5	1 2 10.80	+1.9558−.0188	−72 13 1.7	+19.313−.085	10.3	4
502	417	6.6	2 13.53	+2.8108−.0121	−36 8 30.5	+19.312−.118	10.0	4
503	247	6.8	2 19.03	+2.7677−.0142	−40 20 18.1	+19.310−.117	10.0	4
504	63	8.2	2 27.47	+1.8935−.0162	−73 1 59.0	+19.306−.082	10.2	4
505	37	7.9	2 27.93	+2.0026−.0203	−71 24 54.4	+19.306−.087	10.2	4
506	273	8.6	2 47.91	+2.6184−.0200	−51 28 16.1	+19.298−.111	10.0	4
507	438	7.6	2 50.30	+2.9012−.0068	−25 20 10.4	+19.297−.123	10.0	4
508	496	6.3	2 50.93	+2.9078−.0064	−24 28 36.2	+19.297−.123	10.1	4
509	70	8.2	2 51.22	+2.4022−.0245	−61 38 4.1	+19.297−.103	10.3	4
510	29	8.5	2 54.99	+1.2463+.0334	−78 46 46.5	+19.295−.057	9.9	4
511	80	8.9	3 16.57	+2.4300−.0240	−60 26 50.8	+19.287−.105	10.2	4
512	21	8.2	3 22.53	−0.2520+.3114	−83 44 12.8	+19.284+.002	9.8	4
513	389	7.3	3 24.33	+2.7412−.0150	−42 13 33.7	+19.284−.117	10.1	4
514	409	8.1	3 26.14	+2.8327−.0106	−33 17 38.7	+19.283−.121	10.6	5
515	30	8.2	3 29.45	+1.3431+.0231	−78 3 57.0	+19.282−.062	10.5	4
516	113	8.4	3 30.23	+2.3284−.0246	−63 50 9.8	+19.281−.101	10.5	4
517	391	5.2	3 41.29	+2.7428−.0149	−41 58 5.0	+19.277−.118	10.3	4
518	190	5.7	3 43.95	+3.1057+.0079	+ 5 10 25.3	+19.276−.132	9.8	4
519	89	5.3	3 44.94	+2.3749−.0242	−62 15 21.1	+19.275−.103	10.0	16
520	240	3.6	4 3.76	+3.0031+.0002	−10 39 33.1	+19.268−.129	10.0	11,14
521	90	7.5	4 30.61	+2.3639−.0239	−62 21 6.4	+19.257−.104	9.8	4
522	333	7.2	4 33.81	+2.6720−.0174	−47 8 55.8	+19.256−.116	9.9	4
523	241	4.1	4 36.32*	+2.5270−.0216	−55 43 36.2	+19.255−.111	10.3	22,23
524	198	2.4	4 41.32*	+3.3346+.0288	+35 8 37.1	+19.253−.144	10.0	19
525	81	8.5	5 0.49	+2.4241−.0231	−60 1 28.2	+19.245−.107	10.0	4
526	43	8.2	5 16.54	+1.4259+.0151	−77 9 14.6	+19.238−.067	9.8	4
527	251	7.3	5 37.52	+2.4896−.0218	−57 4 27.2	+19.230−.111	9.8	4
528	377	7.4	5 44.29	+2.8826−.0071	−26 40 22.6	+19.227−.127	9.8	4
529	20	7.4	5 46.03	−0.5704+.3851	−84 4 18.5	+19.226+.015	9.8	4
530	74	8.0	5 51.39	+2.1644−.0223	−67 21 36.2	+19.224−.098	10.1	4
531	16	7.8*	6 12.99	+0.3186+.1706	−82 7 41.9	+19.215−.021	9.8	4
532	81	6.5	6 27.15	+2.4570−.0219	−58 10 14.3	+19.209−.110	9.7	4
533	255	7.2	6 34.16	+2.4754−.0216	−57 20 25.8	+19.206−.112	9.8	4
534	190	4.7	6 42.02	+3.2905+.0239	+29 36 43.2*	+19.203−.146	10.2	10,25
535	469	8.0	6 55.35	+2.8253−.0099	−32 43 35.9	+19.198−.127	9.7	4
536	67	7.2	7 22.03	+1.7708−.0086	−73 26 10.6	+19.186−.083	9.7	4
537	484	6.4*	8 8.18	+2.8347−.0091	−31 16 41.9	+19.167−.129	10.3	8
538	43	9.4	8 10.66	+2.0767−.0196	−68 31 36.2	+19.166−.097	9.9	4
539	45	8.5	8 10.67	+1.2781+.0282	−77 41 6.3	+19.166−.063	9.7	4
540	420	7.0	8 36.01	+2.7895−.0111	−35 40 57.6	+19.155−.128	9.9	4
541	420	5.9	8 36.75	+2.7609−.0123	−38 19 59.9	+19.154−.127	10.3	24
542	460	7.7*	8 45.03	+2.7832−.0113	−36 13 23.0	+19.151−.128	9.7	4
543	174	5.6	9 1.61	+3.1219+.0092	+ 7 5 58.6	+19.144−.143	9.9	8,12
544	97	8.3	9 12.11	+2.3007−.0217	−62 45 19.8	+19.139−.108	9.8	4
545	273	7.4	9 19.47	+2.7383−.0130	−40 1 5.0	+19.136−.127	9.8	4
546	88	7.5	9 40.94	+1.6410−.0008	−74 23 7.1	+19.127−.080	9.8	4
547	311	8.6	9 51.28	+2.5748−.0181	−51 8 8.4	+19.122−.121	9.8	4
548	312	8.6	9 56.21	+2.5744−.0181	−51 7 48.9	+19.120−.121	9.8	4
549	467	8.1	10 14.58	+2.7633−.0117	−37 29 4.8	+19.112−.130	10.0	6
550	432	8.3	10 23.16	+2.7040−.0140	−42 22 9.2	+19.108−.127	9.8	4

523 (36^{s}.06). 524 41^{s}.16 included. 534 45″.2 included.

No.	Name	Mag.	R. A. 1910	Prec. and Sec. Var.	Decl. 1910	Prec. and Sec. Var.	Epoch.	No. Obs.
		M	h m s	s s	° ′ ″	″ ″		
551	50	8.2	1 10 27.14	+1.8738−.0124	−71 21 30.0	+19.106−.091	10.1	4
552	313	7.2	10 29.73	+2.5748−.0178	−50 53 33.9	+19.105−.122	9.8	4
553	84	8.2	10 35.04	+2.3269−.0210	−61 29 7.7	+19.103−.111	9.8	4
554	285	7.0	10 35.05	+2.5230−.0190	−53 36 2.8	+19.103−.120	9.8	4
555	87	7.4	11 3.93	+2.4235−.0202	−57 51 35.2	+19.090−.116	9.7	4
556	346	4.9	11 7.52	+2.6497−.0155	−46 0 43.2	+19.088−.126	9.8	4
557	546	8.1	11 7.64*	+2.8872−.0056	−24 25 42.4	+19.088−.136	9.8	4
558	256	7.6	11 19.46	+2.4633−.0196	−56 6 30.9	+19.083−.118	10.3	4
559	97	8.5	11 30.45	+2.3447−.0206	−60 35 28.8	+19.078−.113	9.8	4
560	548	7.1	11 34 29*	+2.8858−.0056	−24 26 55.5	+19.076−.137	9.8	3,4
561	483	8.1*	11 56.16	+2.7876−.0102	−34 37 26.5	+19.067−.134	10.0	6
562	44	7.6	11 56.79	+1.9805−.0156	−69 17 50.4	+19.066−.097	9.8	4
563	290	8.2	11 59.58	+2.5001−.0188	−54 11 30.3	+19.065−.121	9.8	4
564	107	8.0	12 2.68	+2.2392−.0202	−63 37 24.1	+19.064−.109	9.8	4
565	446	6.8	12 10.60	+2.6934−.0137	−42 29 3.2	+19.060−.130	9.7	4
566	156	8.3	12 14.19	+2.5352−.0180	−52 22 1.8	+19.058−.123	10.1	4
567	319	7.5	12 39.30	+2.7019−.0133	−41 39 19.7	+19.047−.131	9.7	4
568	45[1]	7.3	12 42.80	+1.9661−.0149	−69 21 8.8	+19.045−.098	9.8	4
569	45[2]	5.1	12 43.09*	+1.9659−.0149	−69 21 14.2*	+19.045−.098	9.8	9
570	371	8.0	12 59.55	+2.6822−.0138	−43 0 24.2	+19.038−.130	10.0	4
571	185	5.3	13 9.32	+3.0955+.0073	+ 3 8 26.8	+19.033−.150	10.1	11,21
572	488	7.8	13 15.15	+2.7475−.0114	−37 44 39.1	+19.031−.134	10.0	4
573	47	6.9	13 24.52	+2.0360−.0165	−67 54 22.8	+19.026−.102	9.9	5
574	453	9.6	13 51.66	+2.6906−.0133	−42 3 38.2	+19.014−.132	9.9	4
575	494	7.6	13 53.26	+2.7803−.0099	−34 36 40.4	+19.013−.136	9.7	4
576	325	8.2	13 53 41	+2.5400−.0173	−51 30 31.0	+19.013−.125	10.1	4
577	81	6.3	13 56 44*	+2.0805−.0173	−66 52 20.8*	+19.012−.104	9.8	8
578	479	7.7	14 4.27	+2.7904−.0095	−33 36 41.5	+19.008−.137	10.4	5
579	161	7.5	14 12.92	+2.5167−.0176	−52 34 46.1	+19.004−.125	9.9	4
580	82	9.5	14 14.24	+2.0651−.0169	−67 6 32.5	+19.003−.104	10.1	4
581	127	7.0	14 23.72	+2.1292−.0180	−65 41 8.8	+18.999−.107	9.8	4
582	220	4.7	14 31.02*	+3.2881+.0220	+26 47 28.2	+18.996−.161	9.9	9,12
583	386	6.8	14 45.11	+2.6618−.0139	−43 48 23.2	+18.989−.132	9.8	4
584	84	7.4	14 47.18	+2.0340−.0160	−67 35 4.8	+18.988−.103	9.8	4
585	85	8.6	15 33.68	+2.0458−.0160	−67 8 55.1	+18.966−.104	9.8	4
586	305	7.2	15 37.77	+2.4741−.0177	−54 6 35.7	+18.964−.125	9.7	4
587	422	7.4	16 8.28	+2.8263−.0074	−29 27 32.8	+18.950−.142	10.1	6
588	510	7.5	16 8.99	+2.7474−.0106	−36 42 53.4	+18.950−.139	10.0	5
589	58	8.2	16 17.60	+1.7604−.0060	−71 35 25.6	+18.945−.092	9.8	4
590	95	7.5	16 24.58	+2.3774−.0184	−57 49 20.9	+18.942−.121	9.7	4
591	22	8.1	16 39.28	−0.0546+.2154	−82 0 51.6	+18.935−.005	9.8	4
592	363	8.0*	16 45.46	+2.5483−.0161	−50 2 10.2	+18.932−.130	9.8	4
593	108	7.4	16 46.18	+2.2945−.0184	−60 32 47.0	+18.932−.118	9.9	4
594	292	7.1	16 53.12	+2.3735−.0182	−57 48 45.6	+18.928−.122	9.7	4
595	53	7.1	16 54.37	+1.9034−.0115	−69 22 24.2	+18.928−.099	10.0	4
596	93	9.2	17 8.96	+2.2496−.0181	−61 47 25.6	+18.921−.116	10.0	1
597	46	8.0	17 19.78	+1.0763+.0448	−77 30 13.2	+18.916−.060	10.3	4
598	498	7.2	17 29.19	+2.7768−.0091	−33 42 14.7	+18.911−.142	10.0	4
599	93	7.7	17 29.96	+1.2085+.0320	−76 37 17.0	+18.911−.066	10.1	4
600	368	6.9	17 30.02	+2.5401−.0160	−50 12 50.1	+18.911−.131	9.8	4

569 S.P. $43^s.27$, $14''.0$, 10.0, 8.

557 $7^s.51$ included.

577 S.P. $56^s.50$, $21''.1$, 10.0, 9.

560 ($34^s.49$). 582 $31^s.20$ included.

No.	Name	Mag.	R. A. 1910	Prec. and Sec. Var.	Decl. 1910	Prec. and Sec. Var.	Epoch.	No. Obs.
		M	h m s	s s	° ′ ″	″ ″		
601	444	7.6	1 17 35.67	+2.6191−.0142	−45 36 36.6	+18.908−.135	10.0	4
602	337	6.6	17 38.50	+2.5160−.0163	−51 24 29.4	+18.907−.130	9.9	4
603	74	7.7	17 51.10	+1.5957+.0030	−73 13 15.5	+18.901−.085	10.1	4
604	170	8.8	18 0.72	+2.4901−.0166	−52 32 51.8	+18.896−.129	9.9	4
605	516	6.8*	18 3.89	+2.7297−.0107	−37 31 20.2	+18.894−.141	10.1	4
606	472	7.5	18 20.12	+2.7573−.0096	−35 8 7.5	+18.886−.143	10.0	4
607	388	7.4	18 26.37	+2.6383−.0134	−44 4 26.7	+18.883−.137	10.1	4
608	474	8.0	18 30.45	+2.7528−.0098	−35 27 37.3	+18.881−.143	10.0	4
609	521	6.8	18 37.04	+2.7330−.0104	−37 3 58.6	+18.878−.142	10.6	4
610	91	7.5	18 42.97	+2.3056−.0177	−59 35 46.2	+18.875−.121	10.5	4
611	89	7.0	18 48.32*	+2.0186−.0142	−66 51 17.0*	+18.872−.107	9.8	8
612	75	8.4	18 55.93	+1.5487+.0059	−73 30 17.9	+18.869−.084	10.8	4
613	484	7.5	18 58.30	+2.7176−.0109	−38 10 20.4	+18.868−.142	10.2	4
614	94	7.4	19 0.81	+2.2301−.0173	−61 48 1.3	+18.866−.118	10.5	4
615	95	8.0	19 6.34*	+2.2406−.0174	−61 28 26.0*	+18.864−.118	10.4	3
616	534	6.9	19 8.16	+2.7672−.0091	−34 1 4.5	+18.863−.144	10.5	4
617	64	7.0	19 15.68	+1.8149−.0076	−70 11 21.9	+18.859−.098	10.5	4
618	555	6.7	19 17.56	+2.8629−.0051	−24 49 22.4	+18.858−.150	10.4	8
619	562	5.8	19 19.74	+2.7956−.0079	−31 24 52.0*	+18.857−.146	9.9	8,7
620	96	8.8	19 30.38	+2.2411−.0172	−61 20 39.2	+18.852−.119	10.4	4
621	243	6.5	19 30.87	+3.0048+.0020	− 8 28 31.8	+18.852−.157	9.5	1
622	244	3.8	19 31.48	+3.0034+.0020	− 8 38 51.5	+18.851−.157	9.8	28,36
623	359	7.8	19 37.24	+2.6666−.0122	−41 44 16.1	+18.848−.140	10.3	4
624	361	7.4	19 40.87	+2.6708−.0121	−41 25 24.5*	+18.847−.141	10.3	4
625	55	7.7	20 0.48	+1.8465−.0086	−69 33 5.6	+18.837−.100	10.2	4
626	548	6.9	20 0.92	+2.7837−.0082	−32 16 46.1	+18.837−.147	10.3	4
627	546	6.7	20 32.07	+2.7551−.0091	−34 36 35.8	+18.821−.146	10.1	6,5
628	99	7.5	20 36.16	+2.2386−.0168	−61 5 53.6	+18.819−.120	9.8	4
629	391	7.5	20 41.02	+2.5921−.0138	−46 11 25.8	+18.817−.138	9.8	4
630	493	5.3	20 41.89	+2.6581−.0122	−41 57 38.4	+18.816−.142	9.8	8
631	463	6.4	20 47.51	+2.6112−.0134	−44 59 48.8	+18.813−.139	9.8	4
632	394	8.4	21 21.70	+2.5848−.0138	−46 23 41.4	+18.796−.139	9.8	4
633	61	8.2	21 38.76	+1.7078−.0025	−71 8 40.0	+18.787−.095	9.8	4
634	98	7.9	21 38.93	+1.5674+.0049	−72 47 35.9	+18.787−.088	9.8	4
635	47	8.3	21 48.28	+1.0369+.0466	−77 4 49.0	+18.782−.061	9.9	4
636	113	7.0	21 55.98	+2.2636−.0164	−59 58 1.7	+18.779−.123	9.8	4
637	130	5.8	21 58.66	+2.0765−.0144	−64 50 14.3	+18.777−.114	9.8	4
638	400	7.9	22 8.66	+2.5809−.0136	−46 21 40.8	+18.772−.140	9.8	4
639	472	7.5*	22 17.81	+2.7932−.0074	−30 44 35.5	+18.767−.151	10.0	6
640	525	Var.	22 49.55	+2.7656−.0082	−33 0 34.5*	+18.751−.150	10.2	7,6
641	478	6.8	22 54.10	+2.7917−.0073	−30 42 7.9	+18.749−.152	10.0	6
642	508	6.7	23 0.22	+2.6430−.0119	−42 12 51.1	+18.746−.144	9.8	4
643	503	6.8	23 4.84	+2.8733−.0040	−22 48 11.4	+18.743−.156	9.8	4
644	177	7.7	23 15.39	+2.4650−.0152	−51 59 13.2	+18.738−.136	9.8	4
645	178	8.1	23 22.59	+2.4543−.0152	−52 26 4.2	+18.734−.135	9.8	4
646	315	8.2	23 29.80	+2.3784−.0158	−55 32 51.4	+18.730−.131	9.8	4
647	406	7.1	23 38.31	+2.5732−.0133	−46 18 48.4	+18.726−.142	9.8	4
648	251	6.8	23 40.83	+2.8748−.0038	−22 30 12.5	+18.724−.158	9.9	4
649	407	7.7	23 44.35	+2.5672−.0134	−46 37 5.8	+18.723−.142	10.0	4
650	499	8.6	23 46.67	+2.6975−.0102	−38 8 5.5	+18.722−.148	10.0	4

611 S.P. 48ˢ.36, 18″.1, 10.0, 10

624 24″.8, 22″.6, 25″.2, 25″.4.

615 (5ˢ.84), (22″.0). 619 (50″.1).

640 (31″.9)

No.	Name	Mag.	R. A. 1910	Prec. and Sec. Var.	Decl. 1910	Prec. and Sec. Var.	Epoch.	No. Obs.
		M	h m s	s s	° ′ ″	″ ″		
651	495	7.5	1 23 47.64	+2.8230−.0059	−27 34 38.4	+18.721−.155	10.1	4
652	575	8.0*	24 11.93	+2.7730−.0077	−31 57 43.5	+18.708−.153	10.3	4
653	449	3.4	24 27.53	+2.6112−.0122	−43 46 44.4	+18.700−.145	10.0	22
654	597	7.1	24 32.01	+2.8451−.0049	−25 15 48.9	+18.698−.157	10.3	4
655	490	8.0	24 32.86	+2.7903−.0070	−30 21 30.2	+18.697−.155	10.2	4
656	410	7.1	24 33.46	+2.5088−.0142	−49 28 19.3	+18.697−.140	10.3	4
657	576	6.6	24 37.04	+2.7444−.0085	−34 13 43.9	+18.695−.152	10.3	4
658	24	9.0	24 44.94	+0.2280+.1471	−80 21 47.6	+18.691−.020	10.1	4
659	564	7.5	24 46.55	+2.7045−.0097	−37 17 55.7	+18.690−.150	10.0	4
660	254	5.1	25 17.10	+2.8753−.0035	−22 5 40.6	+18.674−.160	10.0	13
661	101	7.3	25 18.26	+1.5613+.0055	−72 10 17.3	+18.673−.091	10.1	4
662	491	6.6	25 27.62	+2.8342−.0051	−26 4 59.6	+18.668−.158	10.3	4
663	194	5.1	25 28.09	+3.1210+.0091	+ 5 40 48.6	+18.668−.174	9.9	4
664	440	6.3	25 41.98	+2.5449−.0132	−47 13 18.4	+18.661−.143	10.5	4
665	109	8.4	25 45.64	+2.1710−.0145	−61 32 53.2	+18.659−.124	10.5	4
666	181	7.5	25 48.11	+2.4479−.0145	−51 57 36.4	+18.657−.138	10.3	4
667	332	7.4	25 54.67	+2.4272−.0147	−52 49 51.5	+18.654−.137	10.4	4
668	88	7.6	25 57.62	+1.1782+.0322	−75 30 33.7	+18.652−.071	10.6	4
669	182	8.9	26 2.19	+2.4397−.0146	−52 15 4.5	+18.650−.138	10.6	4
670	502	6.0	26 8.41	+2.8261−.0053	−26 40 20.5	+18.647−.159	10.3	9
671	111	8.1	26 24.59	+2.1593−.0142	−61 41 11.4	+18.638−.124	10.3	4
672	311	9.8	26 26.65	+2.3244−.0150	−56 39 26.3	+18.637−.133	9.9	4
673	231	3.7	26 39.92	+3.2036+.0143	+14 52 55.5	+18.630−.180	10.0	18,19
674	336	7.0	26 42.08	+2.4185−.0145	−52 57 26.7	+18.629−.138	10.1	4
675	518	8.2	26 43.22	+2.6833−.0098	−38 15 16.2	+18.628−.152	10.3	4
676	113	9.5	26 43.75	+2.1864−.0144	−60 52 26.2	+18.628−.126	10.5	4
677	37	8.1*	27 11.19	+0.3936+.1188	−79 30 21.2	+18.613−.029	10.6	4
678	504	6.8	27 19.32	+2.7804−.0067	−30 26 57.1	+18.608−.159	10.3	4
679	373	7.7	27 20.90	+2.4436−.0141	−51 40 38.6	+18.608−.140	10.4	4
680	119	8.2	27 26.84	+2.2063−.0143	−60 7 21.8	+18.604−.128	10.3	4
681	425	4.0	27 30.38	+2.4887−.0135	−49 32 24.5	+18.602−.143	9.9	16
682	506	5.8	27 33.65	+2.7762−.0068	−30 44 41.5	+18.601−.159	9.9	8
683	407	7.6	27 34.92	+2.4708−.0138	−50 21 56.4	+18.600−.142	10.8	4
684	134	8	27 38.03	+1.9742−.0106	−65 34 53.2	+18.598−.115	10.8	1
685	500	7.8	27 39.22	+2.5717−.0122	−45 7 7.0	+18.598−.148	10.4	4
686	475	7.4*	27 41.12	+2.8054−.0058	−28 9 58.4	+18.597−.161	10.3	4
687	420	6.3	27 49.70	+2.5544−.0124	−46 2 20.4	+18.592−.147	10.6	4
688	651	7.2	27 51.25	+2.8488−.0041	−24 6 33.9	+18.591−.163	10.8	4
689	342	7.9	28 0.30	+2.3876−.0143	−53 49 59.7	+18.586−.138	10.6	4
690	522	8.0	28 6.07	+2.8170−.0053	−27 0 47.4	+18.583−.162	10.3	4
691	120	8.1	28 14.18	+2.2012−.0140	−60 3 21.7	+18.579−.128	10.3	4
692	135	7.3	28 14.96	+1.9667−.0102	−65 35 3.1	+18.578−.116	10.8	4
693	377	8.0	28 16.19	+2.4518−.0138	−51 1 51.7	+18.578−.142	10.1	4
694	509	8.6	28 19.40	+2.7803−.0065	−30 11 17.8	+18.576−.160	10.3	4
695	115	7.4	28 25.86	+2.1379−.0134	−61 42 45.4	+18.572−.125	10.3	4
696	410	7.9	28 49.71	+2.4708−.0134	−49 59 20.7	+18.559−.144	9.8	4
697	589	5.5	28 54.56	+2.6870−.0092	−37 19 37.0	+18.556−.156	9.8	8
698	411	6.4	28 55.21	+2.4659−.0134	−50 11 17.4	+18.556−.144	9.9	4
699	658	7.0*	28 58.51	+2.8405−.0043	−24 38 10.0	+18.554−.165	9.9	4
700	463	8.4	29 30.95	+2.5119−.0126	−47 46 22.8	+18.536−.147	10.0	4

No.	Name	Mag.	R. A. 1910	Prec. and Sec. Var.	Decl. 1910	Prec. and Sec. Var.	Epoch.	No. Obs.
		M	h m s	s s	° ′ ″	″ ″		
701	379	9.7	1 29 43.00	+2.6390−.0102	−40 22 22.1	+18.530−.155	9.6	1
702	508	7.1	29 54.71	+2.7864−.0060	−29 14 41.8	+18.523−.163	9.8	4
703	489	7.7	30 6.22	+2.8023−.0054	−27 49 29.3	+18.517−.164	9.8	4
704	490	6.9*	30 12.46	+2.7920−.0058	−28 41 50.6	+18.513−.164	9.9	4
705	384	9.4	30 24.99	+2.6359−.0101	−40 21 45.8	+18.506−.156	9.8	4
706	433	6.9	30 31.94	+2.5371−.0120	−46 9 15.0	+18.502−.150	9.8	4
707	666	6.5	30 35.77	+2.8417−.0039	−24 9 38.6	+18.500−.167	9.8	4
708	552	8.0	30 40.98	+2.7009−.0084	−35 48 20.1	+18.497−.160	10.3	4,3
709	613	6.2	30 44.36	+2.7460−.0071	−32 21 6.8	+18.495−.162	10.4	4
710	330	6.9	30 49.65	+2.2639−.0136	−57 27 43.8	+18.492−.135	10.1	4
711	529	7.2	30 50.91	+2.7701−.0064	−30 22 24.3	+18.492−.164	10.5	4
712	117	8.3	30 54.89	+2.1137−.0123	−61 41 43.8	+18.489−.127	10.6	4
713	124	7.1	30 55.09	+2.0618−.0115	−62 56 13.8	+18.489−.124	10.4	4
714	36	7.6	30 58.61	+0.5260+.0968	−78 31 50.1	+18.487−.037	10.4	4
715	424	8.1	31 6.16	+2.4502−.0130	−50 15 51.8	+18.483−.146	10.1	4
716	69	7.6	31 12.44	+1.5399+.0070	−71 19 42.1	+18.479−.095	9.9	4
717	332	4.2	31 30.56	+3.5234+.0372	+40 57 20.4	+18.469−.208	9.9	9
718	554	9.4	31 37.24	+2.5911−.0108	−42 47 7.8	+18.465−.155	10.1	4
719	123	6.1	31 52.76	+2.2182−.0131	−58 35 55.0	+18.457−.134	10.0	4
720	395	6.5	31 54.73	+2.6284−.0099	−40 24 20.2	+18.455−.157	10.0	4
721	540	5.7	31 58.97	+2.7666−.0062	−30 22 4.6	+18.453−.165	10.1	4
722	342	7.8	32 10.18	+2.3615−.0132	−53 39 38.6	+18.447−.142	10.2	4
723	326	7.9	32 13.48	+2.3052−.0133	−55 42 8.4	+18.445−.139	10.0	4
724	205	5.6	32 19.51	+3.1808+.0126	+11 40 53.6	+18.441−.190	9.9	5
725	467	3.8	32 27.67	+3.6588+.0487	+48 10 21.0	+18.437−.217	9.8	6
726	120	8.0	32 34.79	+2.1080−.0118	−61 25 34.3	+18.432−.128	10.4	4
727	623	7.1*	32 43.01	+2.7341−.0071	−32 45 21.6	+18.428−.165	10.2	4
728	660	8.4	32 55.87	+2.8214−.0043	−25 28 27.6	+18.420−.170	10.6	4
729	549	8.1	32 57.58	+2.7699−.0060	−29 51 1.1	+18.419−.167	10.8	4
730	40	6.1	33 2.91*	+0.3669+.1148	−78 57 41.8*	+18.416−.029	10.1	15
731	128	8.4	33 4.37	+2.1528−.0122	−60 8 34.3	+18.416−.132	10.6	4
732	447	6.9	33 7.56	+2.4592−.0123	−49 15 48.3	+18.414−.150	10.4	4
733	28	7.3	33 9.62	−0.0473+.1748	−80 23 14.6	+18.413−.005	9.9	4
734	126	6.1	33 27.03	+2.1999−.0125	−58 43 46.6	+18.402−.135	10.2	4
735	322	9.6	33 32.48	+2.2703−.0129	−56 31 42.2	+18.399−.139	10.6	4
736	556	7.3	33 33.84	+2.6491−.0091	−38 35 38.0	+18.398−.161	10.4	4
737	323	8.9	33 46.92	+2.2622−.0128	−56 43 43.9	+18.391−.139	10.0	4
738	453	7.0	34 17.90	+2.5085−.0114	−46 32 31.3	+18.373−.154	10.0	4
739	334	0.6	34 21.87	+2.2267−.0125	−57 41 37.5	+18.371−.138	10.0	19
740	620	6.0	34 27.66	+2.6694−.0084	−36 58 57.5	+18.367−.164	9.9	8
741	639	7.4	34 32.88	+2.7295−.0068	−32 37 34.8	+18.364−.167	10.0	4
742	272	5.7	34 33.72	+2.8589−.0027	−21 44 1.1	+18.364−.175	10.3	4
743	670	6.4	34 36.58	+2.8170−.0041	−25 28 46.4	+18.362−.173	10.4	4
744	503	6.8	34 40.59	+2.5654−.0105	−43 23 4.8	+18.360−.158	10.2	4
745	124	7.3	34 44.77	+2.1052−.0112	−60 58 9.6	+18.357−.131	10.3	4
746	542	8.0	34 54.90	+2.5338−.0109	−45 3 9.0	+18.351−.156	9.8	4
747	542	7.4	35 7.42	+2.7679−.0056	−29 28 46.8	+18.344−.170	10.0	4
748	650	6.7	35 18.09	+2.7081−.0072	−34 1 17.0	+18.338−.167	10.1	4
749	358[1]	7.5	35 19.07	+2.3322−.0124	−53 53 40.2	+18.337−.145	10.1	4
750	358[2]	8.5	35 20.24*	+2.3321−.0124	−53 53 43.0	+18.336−.145	10.1	4

730S.P. $2^s.92$, $41''.8$, 9.8, 11; $39''.4$, $43''.4$ included 750 $20^s.19$, $20^s.43$, $20^s.23$, $20^s.09$.

No.	Name	Mag.	R. A. 1910	Prec. and Sec. Var.	Decl. 1910	Prec. and Sec. Var.	Epoch.	No. Obs.
		M	h m s	s s	° ′ ″	″ ″		
751	107	7.5	1 35 23.21	+1.7988-.0038	-67 0 49.5	+18.335-.114	10.0	4
752	464	7.1	35 28.18	+2.4454-.0118	-49 13 58.0	+18.332-.152	10.1	4
753	572[1]	9.4	35 41.59	+2.6502-.0086	-37 55 43.5	+18.324-.164	9.9	4
754	572[2]	7.4	35 43.31	+2.6501-.0086	-37 55 45.3	+18.323-.164	9.9	4
755	337	6.9	35 45.43	+2.2412-. 122	-56 53 6.6	+18.322-.140	10.2	4
756	106	7.1	35 48.32	+1.8504-.0054	-66 3 46.2	+18.320-.117	10.4	4
757	586	7.8*	36 14.88	+2.6919-.0075	-34 55 57.1	+18.304-.168	9.8	4
758	329[1]	6.0	36 22.78	+2.2435-.0120	-56 39 7.1	+18.299-.141	10.2	4
759	329[2]	6.0	36 23.42	+2.2434-.0120	-56 39 0.7	+18.299-.141	10.2	4
760	337	7.6	36 24.10	+2.2754-.0121	-55 36 21.2	+18.299-.143	10.0	4
761	469	7.4	36 27.18	+2.4396-.0116	-49 13 0.6	+18.297-.153	9.9	4
762	641	7.9*	36 36.51	+2.6614-.0081	-36 56 6.8	+18.291-.166	9.8	4
763	293	4.7	36 44.75	+3.1207+.0092	+ 5 1 56.8	+18.286-.194	9.9	35,44
764	277	8.4	36 53.54	+2.8490-.0027	-22 10 28.4	+18.281-.178	9.9	4
765	661	7.3	37 8.78	+2.7038-.0070	-33 51 11.6	+18.272-.170	10.4	4
766	125	7.7	37 18.32	+2.0606-.0099	-61 27 14.6	+18.266-.131	10.0	4
767	73	8.0	37 24.84	+1.6581+.0018	-68 42 49.3	+18.262-.107	10.5	4
768	584	6.1	37 30.35	+2.6324-.0086	-38 35 20.6	+18.259-.166	9.9	8
769	461	9.1	37 44.93	+2.5943-.0092	-40 51 29.7	+18.250-.164	10.3	4
770	597	8.4	37 57.48	+2.6804-.0074	-35 17.26.6	+18.243-.170	10.6	4
771	666	5.3	38 4.91	+2.7154-.0065	-32 46 49.6	+18.238-.172	10.0	13
772	650	5.6	38 4.99	+2.6502-.0080	-37 17 9.7	+18.238-.168	10.0	12
773	350	8.5	38 5.19	+2.3260-.0117	-53 23 10.8	+18.238-.148	10.3	4
774	461	6.8*	38 5.88	+2.3998-.0115	-50 29 33.3	+18.238-.153	10.5	4
775	123	8.1	38 8.45	+0.7652+.0644	-76 28 35.0	+18.236-.054	10.8	4
776	87	8.4	38 11.98	+1.5096+.0088	-70 26 29.9	+18.234-.099	10.3	4
777	111	8.4	38 27.11	+0.9297+.0490	-75 26 22.8	+18.225-.064	10.3	4
778	130	5.6	38 43.22	+2.0557-.0095	-61 14 32.5	+18.215-.133	9.7	4
779	337	7.7	38 45.76	+2.2349-.0114	-56 19 9.9*	+18.213-.144	9.8	4
780	365	5.6	39 1.35	+2.2968-.0115	-54 11 30.1	+18.204-.148	10.0	4
781	28	7.7	39 4.89	-1.3209+.4043	-82 44 13.0	+18.202+.073	9.9	4
782	100	3.6	39 53.21	+2.9064-.0002	-16 24 40.5	+18.172-.187	10.0	16,21
783	125	8.0	39 55.24	+0.6857+.0712	-76 41 48.6	+18.171-.050	9.8	4
784	126	8.3	40 4.62	+0.7857+.0613	-76 7 3.1	+18.165-.056	10.0	4
785	133	8.1	40 6.45	+2.0175-.0085	-61 48 54.1	+18.164-.132	10.1	4
786	339	7.8	40 9.21	+2.2119-.0109	-56 41 11.2	+18.162-.144	10.1	4
787	414	8.1	40 13.00	+2.3713-.0111	-51 5 37.1	+18.160-.154	10.3	4
788	27	5.9	40 16.12*	-1.8460+.5262	-83 25 59.4*	+18.158+.106	10.2	8
789	614	6.8*	40 35.96	+2.6769-.0070	-34 51 27.0	+18.146-.174	10.0	4
790	273	4.5	40 38.34	+3.1595+.0112	+ 8 42 18.4	+18.144-.204	9.9	21,31
791	566	7.0	40 49.95	+2.7547-.0050	-29 10 34.6	+18.137-.179	10.3	4
792	417	7.6	41 6.68	+2.3558-.0109	-51 28 20.4	+18.127-.154	10.2	4
793	28	7.4	41 9.53	-2.0999+.5880	-83 42 5.5	+18.125+.123	9.9	4
794	44	6.2	41 17.43*	-0.0424+.1594	-79 36 6.4*	+18.120-.005	10.1	8
795	704	5.4	41 25.87	+2.7995-.0036	-25 30 7.6	+18.115-.182	9.9	11
796	139	7.0	41 31.39	+2.0188-.0082	-61 28 11.6	+18.111-.134	10.3	4
797	595	6.4	41 51.26	+2.7696-.0044	-27 47 53.8	+18.099-.181	10.1	4
798	340	9.5	42 2.66	+2.2010-.0104	-56 33 29.4	+18.092-.146	10.5	4
799	29	7.7	42 3.59	-0.3690+.2082	-80 30 15.1	+18.091+.016	10.1	4
800	141	8.7	42 7.67	+2.0402-.0085	-60 50 21.1	+18.088-.136	10.8	4

788S.P. $16^s.09$, $59''.7$, 9.8, 8.

794S.P. $17^s.64$, $6''.9$, 9.9, 9.

779 $8''.4$, $11''.7$, $11''.1$, $8''.4$,

No.	Name	Mag.	R. A. 1910	Prec. and Sec. Var.	Decl. 1910	Prec. and Sec. Var.	Epoch.	No. Obs.
		M	h m s	s s	° ′ ″	″ ″		
801	512	8.6	1 42 13.96	+2.5086−.0095	−44 21 51.6	+18.084−.165	10.6	4
802	544	8.1	42 25.73	+2.5371−.0091	−42 49 52.8	+18.077−.168	10.4	4
803	17	5.6	42 29.70*	−3.8456+1.139	−85 13 28.6*	+18.075+.235	9.8	15,21
804	341	9.2	42 31.62	+2.1910−.0102	−56 44 39.4	+18.073−.146	10.5	4
805	30	8.0*	42 32.67	−0.3335+.2014	−80 21 55.6	+18.073+.014	9.9	4
806	538	9.4	42 34.10	+2.4437−.0101	−47 23 47.6	+18.072−.162	10.4	4
807	419	5.5	42 34.30	+2.3515−.0106	−51 15 57.6	+18.072−.156	9.8	8
808	377	5.1	42 40.50	+2.2765−.0106	−53 58 24.9	+18.068−.151	10.0	4
809	546	8.5	42 54.14	+2.5168−.0093	−43 46 9.4*	+18.059−.167	10.1	4,3
810	343	9.0	42 55.10	+2.1916−.0100	−56 37 54.6	+18.058−.146	10.0	4
811	630	7.7	42 58.31	+2.5391−.0090	−42 34 51.6	+18.056−.168	10.1	4
812	633	6.1	43 28.05	+2.5436−.0088	−42 12 37.4	+18.038−.169	10.0	4
813	552	7.7	43 31.10	+2.5269−.0090	−43 5 16.9	+18.036−.168	10.1	4
814	615	8.7	43 34.41	+2.7332−.0051	−30 10 14.7	+18.034−.182	10.6	4
815	139	7.6	43 41.99	+1.9810−.0071	−61 50 23.8	+18.029−.134	9.8	4
816	126	7.8	43 45.17	+1.0336+.0385	−74 0 10.3	+18.027−.074	10.6	4
817	218	8.1	43 46.79	+2.3174−.0103	−52 15 1.7	+18.026−.155	10.3	4
818	687	6.4	43 52.09	+2.6218−.0074	−37 36 31.1	+18.022−.175	9.9	8
819	512	6.8	43 57.29	+2.4510−.0097	−46 42 21.2	+18.019−.164	9.8	4
820	642	7.2	44 26 32	+2.7767−.0038	−26 42 6.1	+18.000−.186	10.2	4
821	638	7.1	44 28.64	+2.5438−.0086	−41 56 49.4	+17.999−.171	10.0	4
822	32	8.4*	44 33.88	−0.3328+.1970	−80 11 24.9	+17.995+.014	9.8	4
823	137	8.2	44 46.37	+1.8600−.0041	−64 3 25.4	+17.987−.127	10.0	4
824	548	7.2	44 48.11	+2.5930−.0078	−39 6 11.0	+17.986−.174	9.9	4
825	64	7.3	44 48.62	+0.3418+.1046	−77 48 23.1	+17.986−.030	10.3	4
826	252	4.8	45 9.82	+2.9560+.0022	−11 7 52.7	+17.972−.198	9.9	6
827	753	6.4	45 15.17	+2.7092−.0054	−31 31 9.8	+17.969−.183	10.2	6
828	123	7.3	45 19.82	+0.8305+.0545	−75 11 24.3	+17.966−.061	9.8	4
829	434	7.8	45 21.35	+2.3421−.0100	−50 55 52.4*	+17.965−.159	9.8	4
830	225	7.6	45 21.90	+2.3114−.0100	−52 4 45.7	+17.964−.157	10.1	4
831	602	7.4	45 51.36	+2.7358−.0046	−29 29 13.6	+17.945−.185	10.4	5
832	553	6.5	45 55.87	+2.5924−.0076	−38 51 23.4	+17.942−.176	9.9	8
833	252	5.9	46 5.25	+3.1842+.0124	+10 35 52.3	+17.936−.215	9.9	4
834	556	8.0	46 9.82	+2.5842−.0076	−39 16 32.4	+17.934−.176	10.0	4
835	30	7.4	46 12.01	−2.4408+.6476	−83 48 58.8	+17.932+.151	9.8	4
836	139	8.4	46 27.06	+1.8471−.0035	−63 57 49.8	+17.922−.128	10.1	4
837	566	7.6	46 42.62	+2.5139−.0085	−42 57 13.0	+17.912−.172	10.1	4
838	487	6.2	46 43.52	+2.3999−.0095	−48 15 49.5	+17.912−.165	9.9	4
839	351	7.9*	46 45.86	+2.2181−.0094	−54 54 35.6	+17.910−.153	10.0	4
840	359	3.9	47 1.04	+2.9580+.0024	−10 46 46.2	+17.900−.202	9.9	9,15
841	150	7.4	47 9.84	+2.0546−.0077	−59 23 8.6	+17.894−.143	9.8	4
842	767	7.2*	47 9.91	+2.7056−.0051	−31 20 59.5	+17.894−.185	10.3	5
843	514	6.0	47 24.94	+2.3362−.0095	−50 39 5.6	+17.884−.161	9.8	4
844	465	6.5	47 36.09	+2.5601−.0077	−40 16 49.6	+17.877−.176	9.8	4
845	385	7.6	47 39.86	+2.2173−.0092	−54 43 28.6	+17.874−.154	9.8	4
846	107	7.8	47 41.44	+1.1107+.0319	−72 51 29.1	+17.873−.081	9.9	4
847	539	6.9	47 46.58	+2.4473−.0089	−45 54 57.4	+17.870−.169	9.8	4
848	312	3.6	47 56.82	+3.4106+.0251	+29 8 26.7	+17.863−.233	10.0	10,12
849	719	7.1	47 57.64	+2.6073−.0069	−37 29 15.9	+17.863−.180	10.2	4
850	567	8.2	48 2.48	+2.5753−.0074	−39 19 41.2	+17.859−.178	9.8	4

803 S.P. 29^s.74, 28″.5, 9.6, 24,30. 803 (25″.4). 809 (5″.7). 829 53″.5, 52″.7, 52″.5, 50″.8.

No.	Name	Mag.	R. A. 1910	Prec. and Sec. Var.	Decl. 1910	Prec. and Sec. Var.	Epoch.	No. Obs.
		M	h m s	s s	° ′ ″	″ ″		
851	522	7.7	1 48 18.84	+2.3362−.0093	−50 26 18.8	+17.849−.162	10.0	4
852	567	8.0	48 24.73	+2.4176−.0090	−47 5 7.6	+17.845−.168	10.3	4
853	693	9.0	48 30.35	+2.8154−.0021	−22 52 43.9*	+17.841−.195	10.3	4
854	569	8.1	48 34.27	+2.5755−.0073	−39 11 23.7	+17.838−.179	10.4	4
855	35	6.1	48 35.83	−0.6196+.2345	−80 37 17.0	+17.837+.034	9.9	4
856	290	4.8	48 53.67	+3.1018+.0084	+ 2 44 36.9	+17.825−.214	9.9	8,10
857	135	8.6	48 59.88	+0.9079+.0465	−74 12 56.8	+17.821−.068	10.5	4
858	349	9.5	49 5.09	+2.1454−.0084	−56 33 20.9	+17.818−.151	10.2	4
859	393	8.0	49 25.93	+2.2130−.0088	−54 27 17.0	+17.804−.156	10.2	4
860	32	8.2	49 30.78	−2.0204+.5180	−83 7 9.9	+17.801+.128	10.0	4
861	573	6.1	49 30.79	+2.5742−.0072	−39 2 18.6	+17.801−.180	10.0	8
862	369	8.2	49 38.02	+2.2521−.0090	−53 8 4.3	+17.796−.159	10.0	4
863	306	2.7	49 39.93	+3.3010+.0184	+20 22 6.3	+17.794−.229	9.9	38,53
864	552	4.4	50 2.36	+2.4165−.0087	−46 44 35.4	+17.779−.170	9.9	8
865	370	7.9	50 10.37	+2.2317−.0088	−53 41 29.9	+17.774−.158	10.3	4
866	96	6.5	50 18.09*	+1.5110+.0089	−68 23 14.6*	+17.769−.110	10.0	8
867	583	5.0	50 38.04	+2.4953−.0079	−42 56 18.0	+17.755−.176	10.2	17
868	756	7.1	50 54.42	+2.7782−.0028	−25 19 54.1	+17.744−.196	10.0	4
869	166	7.5	51 3.10	+2.0622−.0070	−58 21 41.1	+17.738−.148	9.8	4
870	36	7.6*	51 13.86	−1.2553+.3422	−81 48 9.7	+17.731+.078	9.8	4
871	646	7.4	51 45.13	+2.7175−.0041	−29 33 16.5	+17.710−.193	9.9	4
872	737	7.5	52 2.03	+2.6050−.0062	−36 41 8.5	+17.698−.186	9.7	4
873	163^1	7.0	52 24.96	+1.9483−.0049	−60 45 7.5	+17.682−.141	9.8	4
874	163^2	7.4	52 25.27	+1.9483−.0049	−60 45 5.8	+17.682−.141	10.0	4
875	721	5.2	52 27.33	+2.8056−.0018	−22 57 57.8	+17.681−.200	10.3	8
876	241	3.7	52 27.45	+2.2648−.0084	−52 3 23.6	+17.681−.163	10.2	19
877	367	6.9	52 34.14	+2.1550−.0078	−55 30 44.6	+17.676−.156	10.1	4
878	750	6.5*	52 34.37	+2.6697−.0050	−32 34 42.2	+17.676−.191	10.1	4
879	101	4.7	52 39.25*	+1.5042+.0093	−68 5 23.6*	+17.673−.111	10.1	17
880	545	6.5	52 41.38	+2.3132−.0084	−50 16 36.3	+17.671−.167	10.5	4
881	704	7.4	52 51.17	+2.7636−.0029	−26 3 35.8	+17.664−.198	10.4	4
882	157	6.2	52 53.90	+1.9180−.0042	−61 18 10.2	+17.662−.140	10.4	4
883	288	4.8	52 54.60	+3.3429+.0204	+23 9 26.5	+17.662−.238	9.8	4
884	800	7.3*	53 6.67	+2.6842−.0046	−31 31 21.7	+17.654−.193	10.4	4
885	599	7.9	53 8.00	+2.4691−.0077	−43 37 2.1	+17.653−.178	10.3	4
886	166	9.3	53 28.68	+1.9442−.0046	−60 37 45.4	+17.638−.142	9.8	1
887	745	7.0	53 30 03	+2.6026−.0060	−36 29 48.9	+17.637−.188	10.1	4
888	168	8.6	53 32.56	+1.9417−.0046	−60 40 14.8	+17.636−.142	9.8	4
889	242	6.1	53 34.20	+2.2529−.0082	−52 12 41.7	+17.635−.164	10.0	4
890	168	7.7	53 35.56	+2.0184−.0059	−58 54 39.3	+17.634−.147	10.1	4
891	597	4.7	53 36.06	+2.3709−.0082	−47 49 28.4	+17.633−.172	9.9	4
892	87	7.3	53 43.95	+1.4294+.0127	−68 49 52.7	+17.628−.107	10.1	4
893	537	8.3	53 45.79	+2.5178−.0071	−41 4 30.7	+17.627−.182	9.8	4
894	40	7.2	53 52.71	+0.0927+.1240	−77 55 57.0	+17.622−.014	9.9	4
895	682	6.3	54 28.44	+2.6488−.0051	−33 30 14.7	+17.597−.192	9.8	4
896	546_1	7.3	54 42.47	+2.5030−.0071	−41 36 26.4	+17.587−.183	9.8	4
897	737^1	8.2	54 48.02	+2.7954−.0018	−23 21 24.6	+17.583−.203	9.8	4
898	737^2	6.9	54 48.58	+2.7953−.0018	−23 21 28.9	+17.583−.203	9.8	4
899	688	6.7	55 12.00	+2.7463−.0030	−26 52 10.4	+17.566−.200	10.0	4
900	606	7.4	55 15.19	+2.4637−.0073	−43 23 10.2	+17.564−.180	9.8	4

866S.P. $18^s.05$, $15''.8$, 10.1, 6.

879S.P. $39^s.27$, $24''.1$, 10.3, 10.

853 $43''.3$, $45''.5$, $43''.2$, $43''.8$.

No.	Name	Mag.	R. A. 1910	Prec. and Sec. Var.	Decl. 1910	Prec. and Sec. Var.	Epoch.	No. Obs.
		M	h m s	s s	° ′ ″	″ ″		
901	123	6.4	1 55 26.58	+1.6330+.0043	−65 51 43.4	+17.556−.122	9.8	4
902	356	5.7	55 32.14	+2.8213−.0010	−21 15 41.7	+17.552−.206	10.3	4
903	552	7.1	55 41.23	+2.5074−.0068	−41 9 47.6	+17.546−.184	9.9	4
904	358	4.2	55 45.87	+2.8176−.0011	−21 30 49.1*	+17.543−.206	9.9	17,19
905	559	8.9	55 47.47	+2.2856−.0078	−50 34 50.3	+17.541−.169	10.2	4
906	760	7.5	55 47.87	+2.6050−.0056	−35 51 24.8	+17.541−.191	10.2	4
907	162	3.0	55 56.09	+1.8542−.0023	−62 0 27.0	+17.535−.138	10.0	19
908	684	5.4	55 56.32	+2.4799−.0071	−42 27 52.2	+17.535−.183	10.6	4
909	42	6.2	55 59.27	−0.1959+.1573	−78 47 18.7	+17.533+.006	10.5	4
910	140	7.5	56 4.68	+0.5097+0.774	−75 48 15.7	+17.529−.043	10.6	4
911	555	7.8	56 10.04	+2.3249−.0078	−49 2 59.5	+17.526−.172	10.3	4
912	720	8.8*	56 20.78	+2.7463−.0028	−26 39 36.2	+17.518−.202	10.2	4
913	789	7.1	56 32.89	+2.7711−.0022	−24 51 18.4	+17.509−.204	9.8	4
914	556	7.1	56 43.63	+2.5030−.0067	−41 9 21.6	+17.502−.185	9.9	4
915	688	7.2	56 45.00	+2.4813−.0069	−42 12 40.7	+17.501−.184	9.8	4
916	378	6.6	57 5.37	+2.1236−.0066	−55 26 54.4	+17.486−.159	10.1	4
917	703	5.4	57 13.66	+2.6882−.0039	−30 26 2.4	+17.480−.199	9.8	8
918	587	8.0	57 14.19	+2.4349−.0072	−44 15 53.5	+17.480−.181	10.1	4
919	125	6.1	57 19.42*	+1.5668+.0069	−66 30 8.6*	+17.476−.119	9.9	8
920	143	7.8	57 50.52	+1.7714+.0001	−63 11 53.6	+17.454−.134	10.0	4
921	380	8.1	58 3.95	+2.1117−.0064	−55 34 45.7	+17.444−.159	9.8	4
922	659	5.0	58 5.95	+2.4106−.0072	−45 8 47.8	+17.443−.181	10.1	4
923	50	7.6	58 15.29	−0.3841+.1791	−79 12 1.0	+17.436+.020	10.2	4
924	395	2.3	58 22.17	+3.6646+.0395	+41 53 53.5	+17.431−.271	10.1	23
925	341	6.8	58 23.27	+2.8005−.0013	−22 23 57.6	+17.430−.209	10.1	4
926	714	6.4	58 26.34	+2.6898−.0037	−30 5 57.9	+17.428−.201	10.2	4
927	597	7.7	58 36.22	+2.3814−.0072	−46 16 8.6	+17.421−.179	9.9	4
928	872	6.5	58 42.44	+2.7735−.0019	−24 19 8.6	+17.417−.208	10.0	4
929	34	7.0	58 44.55	−1.5991+.3831	−81 56 11.5	+17.415+.108	9.8	4
930	567	8.0	58 46.05	+2.4980−.0064	−40 57 12.7	+17.414−.188	10.6	4
931	171	9.0	58 49.94	+1.8623−.0021	−61 18 39.1	+17.411−.142	10.3	4
932	365	8.3	59 14.44	+2.0619−.0056	−56 40 43.3	+17.393−.157	10.3	4
933	148	6.8	59 15.98	+1.7066+.0022	−64 3 25.7	+17.392−.131	10.4	4
934	788	8.0*	59 42.54	+2.5585−.0056	−37 37 52.4	+17.373−.193	9.9	4
935	389	7.3	1 59 43.04	+2.1724−.0066	−53 28 7.5	+17.373−.165	9.7	4
936	22	8.2*	2 0 6.45	−5.3738+1.480	−85 28 22.9	+17.356+.385	9.9	4
937	604	7.2	0 18.28	+2.3828−.0069	−45 50 46.0	+17.347−.181	9.8	4
938	127	8.0	0 22.80	+1.5447+.0078	−66 19 0.3	+17.344−.120	9.8	4
939	706	4.7	0 27.42	+2.6896−.0034	−29 43 42.0	+17.340−.204	10.2	9
940	607	8.9	0 33.12	+2.3578−.0069	−46 48 29.2	+17.336−.180	9.8	4
941	603	7.8	0 46.17	+2.4249−.0066	−43 56 19.6	+17.327−.185	10.0	4
942	371	8.6	0 47.06	+2.0725−.0055	−56 5 35.2	+17.326−.159	10.3	4
943	98	6.9	0 54.98	+1.1347+.0278	−70 51 8.2	+17.320−.091	10.4	4
944	144	7.0	0 57.42	+0.5820+.0679	−74 52 40.2	+17.318−.050	10.6	4
945	413	8.3	1 7.30	+2.1178−.0059	−54 47 9.3	+17.311−.163	10.1	4
946	37	8.4	1 24.37	−2.2199+.5035	−82 43 43.1	+17.298+.156	10:1	4
947	385	6.5*	1 25.72	+2.0967−.0057	−55 18 42.5	+17.298−.162	10.1	4
948	51	6.8	1 31.68	−0.5052+.1902	−79 18 6.0	+17.293+.030	10.3	4
949	191	7.6	1 34.61	+1.9572−.0036	−58 46 31.7	+17.291−.152	10.1	4
950	592	7.8	1 43.52	+2.2626−.0067	−50 6 45.6	+17.284−.174	9.8	4

919 S.P. 19^{s}.50, 9$^{''}$.6, 9.9, 7.

904 51$^{''}$.0 included.

No.	Name	Mag.	R. A. 1910	Prec. and Sec. Var.	Decl. 1910	Prec. and Sec. Var.	Epoch.	No. Obs.
		M	h m s	s s	° ′ ″	″ ″		
951	306	2.2	2 2 5.82	+3.3612+.0204	+23 2 14.1	+17.268−.256	9.9	44,61
952	165	7.5	2 11.73	+1.5772+.0067	−65 34 10.0	+17.264−.124	10.0	4
953	263	7.6	2 18.24	+2.1891−.0063	−52 25 17.3	+17.259−.170	10.4	4
954	24	7.2	2 22.84	−5.0048+1.311	−85 11 11.4	+17.255+.364	9.9	4
955	544	7.3	2 29.42	+2.5020−.0058	−39 58 4.2	+17.250−.193	10.0	8
956	802	7.4*	2 47.96	+2.5481−.0052	−37 32 49.4	+17.237−.197	9.8	4
957	388	7.2	3 21.50	+2.0753−.0051	−55 30 42.0	+17.212−.162	9.8	4
958	35	7.9	4 0.13	−2.4851+.5509	−82 56 23.5	+17.183+.179	9.8	4
959	675	7.2	4 4.80	+2.7064−.0025	−27 59 55.2	+17.179−.211	9.9	4
960	381	3.1	4 11.01	+3.5473+.0305	+34 33 43.2	+17.175−.274	10.0	17
961	143	7.4	4 12.89	+0.9462+.0388	−72 2 12.3	+17.173−.078	9.8	4
962	419	9.7	4 17.09	+2.1134−.0053	−54 16 45.8	+17.170−.166	10.6	4
963	52	8.3	4 20.28	−0.5200+.1874	−79 7 41.3	+17.168+.032	10.0	4
964	727	6.7*	4 26.05	+2.4441−.0059	−42 18 26.1	+17.163−.191	10.2	4
965	181	7.6	4 27.57	+1.8052−.0001	−61 24 48.6	+17.162−.143	10.3	4
966	182	7.6	4 36.75	+1.8699−.0015	−60 6 23.0	+17.155−.148	10.6	4
967	130	6.8	4 44.36*	+1.4907+.0100	−66 22 22.6*	+17.149−.120	10.0	8
968	403	7.8	4 45.84	+1.9811−.0036	−57 37 13.5	+17.148−.157	10.6	4
969	799	7.6	4 55.17	+2.7724−.0012	−23 24 59.0	+17.141−.217	10.0	4
970	807	7.8	4 58.06	+2.5643−.0047	−36 15 1.0	+17.139−.200	10.2	4
971	808	7.0	4 59.69	+2.6364−.0037	−32 10 17.4	+17.138−.207	10.1	4
972	808	8.4	5 3.45	+2.5646−.0047	−36 13 7.4	+17.135−.201	10.3	4
973	381	7.7	5 10.16	+2.0453−.0044	−55 57 7.5	+17.130−.162	9.8	4
974	921	6.4*	5 27.40	+2.7516−.0015	−24 46 13.2	+17.117−.216	9.9	4
975	632	5.8	5 33.76	+2.4017−.0059	−43 56 28.1	+17.112−.190	9.9	4
976	596	8.1	5 49.36	+2.4487−.0056	−41 48 49.4	+17.100−.194	10.0	4
977	632	7.2	6 1.96	+2.3520−.0060	−45 53 27.7	+17.090−.186	9.8	4
978	598	6.7	6 7.01	+2.4588−.0055	−41 17 27.6	+17.087−.195	9.8	4
979	177	8.9	6 7.97	+1.7656+.0011	−61 51 45.9	+17.086−.142	9.8	4
980	273	6.9	6 28.50	+2.1707−.0055	−52 9 25.4	+17.070−.173	9.8	4
981	638	6.5	6 29.49	+2.3902−.0058	−44 14 24.4	+17.070−.190	9.8	4
982	694	7.2	6 39.13	+2.6894−.0026	−28 38 36.5	+17.062−.213	10.2	6
983	813	7.6	6 44.80	+2.5637−.0044	−35 56 3.9	+17.058−.204	9.8	4
984	532	6.3	6 48.05	+2.1970−.0056	−51 15 54.3	+17.055−.176	10.1	4
985	725	7.8*	6 54.51	+2.5077−.0050	−38 47 25.9	+17.050−.200	10.1	4
986	643	7.2	6 58.77	+2.3477−.0058	−45 52 17.3	+17.047−.187	9.8	4
987	37	8.7	7 23.81	−2.8103+.5088	−83 9 51.8	+17.028+.209	9.9	4
988	188	7.9	7 36.02	+1.7707+.0011	−61 31 15.3	+17.018−.144	9.8	4
989	156	7.6	7 41.62	+1.5722+.0071	−64 46 45.8	+17.014−.128	9.8	4
990	663	8.2	7 48.08	+2.3139−.0058	−47 0 29.6	+17.009−.186	9.8	4
991	389	9.5	7 48.29	+1.9979−.0034	−56 38 58.8	+17.009−.161	10.0	4
992	45	9.2	7 51.43	−0.3578+.1606	−78 20 48.0	+17.007+.020	10.3	4
993	191	9.0	8 2.14	+1.7642+.0013	−61 34 1.6	+16.998−.144	9.9	4
994	39	8.0*	8 6.60	−2.4805+.5287	−82 43 36.1	+16.995+.184	9.9	4
995	604	8.2*	8 7.61*	+2.2351−.0056	−49 45 18.3*	+16.994−.180	10.0	4
996	345	4.5	8 13.87	+3.1776+.0117	+ 8 25 29.7	+16.989−.253	9.8	8,12
997	196	7.5	8 21.61	+1.8636−.0010	−59 34 30.6	+16.983−.152	10.1	4
998	664	7.0	8 28.15	+2.2946−.0056	−47 35 30.8	+16.978−.185	9.8	4
999	429	7.6	8 41.51	+2.0760−.0043	−54 28 16.0	+16.968−.168	10.4	4
1000	396	6.0	8 49.20	+2.7931−.0003	−21 25 22.1	+16.962−.224	10.6	4

967S.P. 44ˢ.37, 24″.0, 10.0, 16. 995 N.P.

No.	Name	Mag.	R. A. 1910	Prec. and Sec. Var.	Decl. 1910	Prec. and Sec. Var.	Epoch.	No. Obs.
		M	h m s	s s	° ′ ″	″ ″		
1001	667	7.7	2 8 53.96	+2.3020−.0056	−47 14 12.3	+16.958−.186	10.5	4
1002	882	5.2	8 56.72	+2.6417−.0031	−31 8 44.4	+16.956−.213	9.9	12
1003	767	7.1	9 0.00	+2.5739−.0040	−34 57 36.6	+16.953−.207	10.2	4
1004	822	7.3	9 5.05	+2.7653−.0008	−23 17.34.8	+16.950−.222	10.1	4
1005	390	8.7	9 8.37	+2.0184−.0035	−55 53 43.2	+16.947−.164	10.4	4
1006	613	8.6	9 11.28	+2.4366−.0052	−41 41 13.7	+16.945−.197	10.2	4
1007	832	7.5	9 29.00	+2.5434−.0043	−36 28 54.5	+16.931−.206	10.0	4
1008	432	8.4	9 36.93	+2.0808−.0042	−54 9 57.4	+16.925−.170	10.2	4
1009	756	7.1*	9 36.96	+2.5939−.0037	−33 45 24.0	+16.925−.210	10.6	4
1010	133	8.3	9 51.04	+1.4466+.0118	−66 11 41.3	+16.914−.120	9.9	4
1011	95	6.7	10 21.82*	−0.0570+.1225	−77 2 46.5*	+16.890−.003	9.8	8
1012	110	7.1	10 29.55	+0.9351+.0379	−71 22 20.8	+16.883−.081	9.8	4
1013	134	7.3	10 35.10	+1.4085+.0133	−66 34 32.2	+16.879−.118	10.1	4
1014	41	9.9	10 36.27	−1.2487+.2828	−80 31 37.7	+16.878+.091	9.8	4
1015	156	7.3*	10 38.76	+0.3952+.0782	−74 55 23.5	+16.876−.038	10.2	4
1016	416	8.4	10 40.34	+1.9286−.0019	−57 45 53.8	+16.875−.159	10.4	4
1017	170	6.9	10 40.53	+0.0952+.1063	−76 22 50.3	+16.875−.015	10.2	4
1018	621	5.9	10 53.44	+2.4314−.0050	−41 35 8.6	+16.865−.199	10.1	4
1019	980	7.2	10 54.30	+2.7515−.0009	−23 57 30.1	+16.864−.224	10.3	4
1020	755	7.5	11 2.42	+2.5085−.0044	−37 57 5.7	+16.858−.205	10.2	4
1021	173	7.9	11 6.06	+0.0073+.1149	−76 43 12.1	+16.855−.008	10.6	4
1022	840	8.1	11 7.81	+2.7549−.0008	−23 42 2.3	+16.853−.225	10.3	4
1023	180	8.8	11 8.94	+0.4614+.0722	−74 30 31.5	+16.852−.044	10.6	4
1024	847	7.9	11 25.65	+2.5313−.0041	−36 44 22.8	+16.839−.207	10.8	4
1025	845	7.8	11 27.88	+2.7528−.0008	−23 47 14.0	+16.837−.225	10.6	4
1026	626	7.0	11 46.55	+2.4298−.0048	−41 29 16.8	+16.823−.200	10.3	4
1027	192	9.1	11 50.46	+1.7832+.0012	−60 34 50.2	+16.820−.148	10.4	4
1028	159	7.8	11 52.41	+1.5671+.0074	−64 12 55.1	+16.818−.132	10.6	4
1029	397	4.1	11 57.54	+3.5529+.0293	+33 25 53.7	+16.814−.289	9.9	4
1030	552	8.1	12 10.51	+2.1628−.0046	−51 18.14.1	+16.804−.179	10.0	4
1031	126	5.4	12 21.62*	+1.2426+.0206	−68 15 41.3*	+16.795−.106	9.9	8
1032	393	5.7	12 29.60	+2.9850+.0050	− 6 50 11.7	+16.788−.245	10.0	9
1033	283	7.2	12 32.62	+2.1162−.0041	−52 37 33.1	+16.786−.176	10.3	4
1034	407	8.0	12 50.99	+1.9996−.0028	−55 41 47.0	+16.771−.167	10.3	4
1035	417	7.1	12 55.18	+2.0898−.0038	−53 18 22.7	+16.768−.174	10.8	4
1036	696	7.6	12 55.75	+2.3732−.0049	−43 40 42.0	+16.768−.197	10.5	4
1037	697	8.1	13 4.30	+2.3806−.0048	−43 20 41.0	+16.761−.198	10.6	4
1038	340	5.7	13 7.00	+3.3320+.0180	+19 29 6.9	+16.759−.274	10.3	7,9
1039	285	3.8	13 17.64*	+2.1352−.0042	−51 55 42.2	+16.750−.178	10.1	13
1040	558	9.3	13 21.60	+2.1706−.0044	−50 50 31.2	+16.747−.181	10.8	4
1041	859	6.8*	13 31.06	+2.5304−.0038	−36 24 1.3	+16.739−.210	9.9	8
1042	128	5.5	13 35.90*	+1.2366+.0207	−68 9 48.0*	+16.735−.106	9.9	8
1043	1008	7.3	13 56.82	+2.7436−.0008	−24 2 35.9	+16.719−.228	10.3	4
1044	136	7.6	14 12.66	+1.0595+.0297	−69 51 0.5	+16.706−.092	10.6	5
1045	180	6.5	14 20.48	−0.0734+.1201	−76 46 32.6	+16.700−.001	10.3	4
1046	151	8.0	14 22.58	+1.5691+.0074	−63 48 36.2	+16.698−.134	9.8	4
1047	56	9.5	14 41.20	−0.9035+.2213	−79 26 37.8	+16.683+.066	10.3	4
1048	409	8.1	14 45.02	+1.9456−.0017	−56 39 48.3	+16.680−.164	10.2	4
1049	353	Var.	14 47.92	+3.0286+.0064	− 3 23 9.4	+16.677−.252	10.2	19,28
1050	188	9.2	14 56.91	+1.6842+.0040	−61 52 22.1	+16.671−.143	10.3	4

1011S.P. $21^s.85$, $47''.0$, 9.7, 10.

1031S.P. $21^s.64$, $42''.0$, 9.9, 8.

1042S.P. $36^s.02$, 49.6, 10.2, 8.

1039 $17^s.45$, $17^s.85$ included.

No.	Name	Mag.	R. A. 1910	Prec. and Sec. Var.	Decl. 1910	Prec. and Sec. Var.	Epoch.	No. Obs.
		M	h m s	s s	° ′ ″	″ ″		
1051	828	6.4	2 14 56.59	+2.7046−.0013	−26 22 16.1	+16.670−.226	10.3	9
1052	1021	8.5	15 40.69	+2.7362−.0007	−24 16 36.9	+16.635−.230	9.8	4
1053	1022	8.5	15 43.71	+2.7360−.0007	−24 16 49.9	+16.632−.230	9.8	4
1054	679	7.9	15 43.86	+2.4599−.0041	−39 23 27.4	+16.632−.207	10.0	4
1055	1023	8.5	15 47.21	+2.7395−.0006	−24 2 50.4	+16.629−.230	10.1	4
1056	785	6.3	15 49.38	+2.3942−.0044	−42 15 45.1	+16.628−.202	10.3	4
1057	440	7.8	15 55.82	+2.0310−.0028	−54 21 5.4	+16.622−.172	10.5	4
1058	691	8.8	16 0.25	+2.2965−.0045	−46 4 43.7	+16.619−.194	9.8	4
1059	874	8.2	16 0.69	+2.5323−.0035	−35 51 34.6	+16.618−.214	10.1	4
1060	392	8.2	16 16.15	+2.7620−.0002	−22 31 54.9	+16.606−.232	9.7	4
1061	691	7.9	16 50.69	+2.3349−.0044	−44 28 15.9	+16.577−.198	10.1	4
1062	412	8.4	16 51.43	+1.9360−.0013	−56 31 44.8	+16.577−.166	9.8	4
1063	413	5.6	16 59.31	+1.9424−.0014	−56 21 28.2	+16.570−.166	9.9	4
1064	675	7.3	17 1.92	+2.1529−.0038	−50 42 53.0	+16.568−.184	9.9	4
1065	57	9.0	17 2.23	−0.9635+.2251	−79 26 28.9	+16.568+.072	10.2	4
1066	415	7.7	17 21.19	+1.9332−.0012	−56 30 35.4	+16.552−.166	9.8	4
1067	427	6.9	17 32.03	+1.9016−.0007	−57 11 44.9	+16.544−.164	9.8	4
1068	199	8.2	17 42.25	+1.7042+.0036	−61 5 37.1	+16.535−.148	9.8	4
1069	423	7.6	17 49.94	+2.0553−.0028	−53 22 29.7	+16.529−.176	9.9	4
1070	752	7.5	18 2.75	+2.6653−.0016	−28 16 20.4	+16.518−.227	10.0	4
1071	134	7.4	18 2.86	+1.1506+.0244	−68 29 48.6	+16.518−.102	10.3	4
1072	615	7.4	18 14.97	+2.2088−.0040	−48 43 21.6	+16.508−.190	10.1	4
1073	156	7.8	18 18.27	+1.5868+.0070	−62 57 27.6	+16.505−.138	10.5	4
1074	1038	5.4	18 25.47	+2.7310−.0005	−24 13 30.0	+16.499−.233	10.2	16,26
1075	297	8.1	18 27.39	+2.0816−.0030	−52 32 44.2	+16.498−.179	10.1	4
1076	724	6.3	18 40.08	+2.3484−.0041	−43 36 39.3	+16.487−.202	9.9	4
1077	681	7.5	18 42.07	+2.1686−.0037	−49 55 53.4	+16.486−.187	10.3	4
1078	695	7.7*	18 55.98	+2.4376−.0038	−39 49 23.5*	+16.474−.210	9.8	4,3
1079	852	6.9	19 18.70	+2.6270−.0020	−30 16 33.1	+16.455−.226	10.2	6,5
1080	827	7.0	19 22.44	+2.6767−.0013	−27 24 10.6	+16.452−.230	9.8	4
1081	797	6.6	19 23.88	+2.4762−.0035	−37 59 3.5	+16.451−.213	9.8	4
1082	197	7.5	19 35.51	+1.7392+.0029	−60 10 7.4	+16.441−.152	9.9	4
1083	198	8.5	19 37.25	+1.7271+.0032	−60 23 10.1	+16.440−.151	9.8	4
1084	571	6.0	19 44.66	+2.1103−.0031	−51 30 9.8	+16.434−.183	9.8	4
1085	316	5.5	19 59.44	+3.2105+.0127	+10 12 12.1	+16.421−.275	9.7	4
1086	113	4.3	20 8.72*	+1.0666+.0284	−69 4 7.9*	+16.413−.096	10.3	24,23
1087	423	8.2*	20 9.71	+1.9791−.0016	−54 56 23.3	+16.413−.173	9.8	4
1088	857	6.6	20 17.50	+2.6937−.0010	−26 15 19.8	+16.406−.233	9.9	4
1089	434	8.6	20 18.58	+1.8920−.0002	−56 57 13.7	+16.405−.166	9.9	4
1090	435	8.8	20 30.75	+1.8903−.0002	−56 57 25.7	+16.395−.166	9.9	4
1091	436	6.7	20 34.60	+1.8778+.0001	−57 13 20.6	+16.392−.164	10.0	4
1092	424	8.5*	20 40.67	+1.9752−.0015	−54 57 4.6	+16.387−.173	9.9	4
1093	426	7.2	20 41.45	+1.9301−.0008	−56 1 34.6	+16.386−.169	10.0	4
1094	915	7.0	20 43.70	+2.4759−.0033	−37 46 3.5	+16.384−.215	10.1	5
1095	681	6.2	20 56.53	+2.3963−.0037	−41 15 1.3	+16.373−.208	10.0	4
1096	431	8.1	20 59.98	+2.0408−.0023	−53 13 4.8	+16.370−.179	10.1	4
1097	449	7.9*	21 5.15	+1.9799−.0015	−54 46 2.3	+16.366−.174	9.9	4
1098	409	7.7	21 16.21	+2.7570+.0002	−22 12 53.1	+16.357−.239	10.1	4
1099	813	7.7	21 20.40	+2.3626−.0037	−42 33 59.9	+16.353−.206	9.8	4
1100	451	4.9	21 36.10	+2.8981+.0032	−12 41 46.1	+16.340−.252	9.8	4

1086 S.P. $8^s.84$, $8''.1$, 10.0, 13. 1078 ($.26''.0$)

No.	Name	Mag.	R. A. 1910	Prec. and Sec. Var.	Decl. 1910	Prec. and Sec. Var.	Epoch.	No. Obs.
		M	h m s	s s	° ′ ″	″ ″		
1101	892	8.1	2 21 39.32	+2.5411−.0027	−34 27 29.5	+16.337−.222	9.9	4
1102	433	8.1	22 1.12	+2.0291−.0020	−53 21 24.0	+16.319−.179	10.8	1
1103	194	6.0	22 19.54*	+0.3512+.0747	−74 3 12.1*	+16.303−.037	9.8	8
1104	202	8.1	22 22.83	+1.6177+.0062	−61 52 1.9	+16.300−.144	9.8	4
1105	199	5.5	22 22.94	+1.6856+.0044	−60 42 52.7	+16.300−.150	9.9	12
1106	434	8.3	22 50.44	+2.0234−.0019	−53 22 6.4	+16.277−.179	10.1	4
1107	388	4.3	23 22 31	+3.1833+.0117	+ 8 3 25.3	+16.250−.279	10.0	29,50
1108	722	7.0	23 22.62	+2.2506−.0034	−46 24.14.7	+16.250−.199	10.1	4
1109	302	7.5	23 32.17	+2.0660−.0023	−52 6 26.4	+16.241−.184	10.4	4
1110	154	6.4	23 34.81	+1.2356+.0199	−66 53 56.0	+16.239−.112	10.6	6,4
1111	637	4.4	23 41.22	+2.1985−.0032	−48 6 26.9	+16.234−.195	9.9	12
1112	172	8.0	23 51.02	+0.1754+.0883	−74 50 33.9	+16.225−.022	10.6	4
1113	903	7.7	23 53.93	+2.5370−.0025	−34 17 59.2	+16.223−.224	10.3	4
1114	44	7.8	24 10.03	−3.6846+.7160	−83 21 45.2	+16.209+.309	10.1	4
1115	151	7.4	24 11.95	+0.8508+.0394	−70 30 23.9*	+16.207−.080	10.0	4
1116	905	5.2	24 13.26	+2.5377−.0024	−34 12 50.2	+16.206−.225	9.9	8
1117	882	7.8	24 14.87	+2.6746−.0008	−26 50 3.1	+16.205−.236	10.3	4
1118	930	7.3	24 32.55	+2.4842−.0028	−36 44 37.4	+16.190−.220	10.2	4
1119	990	6.1	24 42.72	+2.5890−.0019	−31 30 14.6	+16.181−.230	10.1	4
1120	829	8.2	24 43.93	+2.3413−.0034	−42 49 33.8	+16.180−.208	9.9	4
1121	121	7.9	24 50.81	+1.0116+.0304	−69 2 20.9	+16.174−.094	10.3	4
1122	932	8.0	24 57.05	+2.7272+.0000	−23 36 31.3	+16.169−.242	10.1	5,4
1123	722	7.1	25 0.65	+2.1068−.0025	−50 42 19.8	+16.165−.188	9.9	4
1124	439	7.2	25 9.14	+2.7619+.0006	−21 26 18.3	+16.158−.245	10.1	4
1125	214	7.6	25 16.95	+1.7787+.0024	−58 32 31.1	+16.151−.160	10.6	4
1126	628	8.1	25 18.00	+2.3883−.0032	−40 50 11.5	+16.150−.213	10.4	4
1127	1106	7.5	25 27.70	+2.7113−.0002	−24 30 21.4	+16.142−.241	10.6	4
1128	593	8.9	25 34.37	+2.0683−.0020	−51 42 25.4	+16.136−.186	10.2	4
1129	937	7.6	25 38.03	+2.4890−.0026	−36 20 31.4	+16.133−.222	10.4	4
1130	834	8.0	25 40.12	+2.3462−.0032	−42 28 30.4	+16.131−.210	9.8	4
1131	942	6.6	25 48.77	+2.7341+.0002	−23 5 0.8	+16.124−.244	10.3	4
1132	209	8.7	25 55.20	+1.5965+.0070	−61 42 25.1	+16.118−.145	9.8	4
1133	174	6.4	25 58.15	+1.3910+.0136	−64 42 5.1	+16.116−.128	9.8	4
1134	731	8.9	26 7.04	+2.1140−.0024	−50 18 39.7	+16.108−.190	10.1	4
1135	979	6.5	26 10.97	+2.6915−.0004	−25 35 14.1*	+16.105−.240	10.3	8,7
1136	44	9.2	26 20.08	−1.6616+.3067	−80 26 59.0	+16.097+.138	9.9	4
1137	155	7.3	26 25.52	+0.8917+.0365	−69 55 34.6	+16.092−.084	10.1	4
1138	849	8.3	26 25.86	+2.5449−.0021	−33 30 28.4	+16.092−.228	10.0	4
1139	947	6.4	26 26.54	+2.7351+.0003	−22 56 39.2	+16.091−.245	10.2	5
1140	210	8.4	26 49.10	+1.6127+.0065	−61 18 51.8	+16.071−.147	10.2	4
1141	852	7.4	26 57.51	+2.5453−.0021	−33 24 22.3	+16.064−.229	10.0	4
1142	22	7.9	27 14.54	−34.662+26.57	−88 47 3.6	+16.049+3.02	9.9	4
1143	597	7.3	27 18.38	+2.0555−.0017	−51 46 31.0	+16.046−.186	9.8	4
1144	217	6.8	27 35.03	+1.7780+.0027	−58 12 32.4	+16.031−.162	9.9	4
1145	743	7.8	27 37.70	+2.2395−.0029	−46 4 1.0	+16.029−.203	9.9	4
1146	202	9.5	27 40.12	+1.6403+.0058	−60 43 50.6	+16.027−.150	10.2	4
1147	201	7.0	27 40.24	−0.1814+.1177	−76 8 31.3	+16.027+.009	10.5	4
1148	449	4.8	27 49.30	+2.8476+.0025	−15 38 21.8	+16.019−.256	9.8	5
1149	310	8.3	27 53.92	+2.0288−.0014	−52 23 57.8	+16.015−.185	10.1	4
1150	957	8.0	27 55.02	+2.7233+.0002	−23 28 56.9	+16.014−.246	10.1	4

1103 S.P. 19^s.68, 12″.5, 9.7, 11.

1115 24″.2, 25″.1, 22″.5, 23″.9.

1135 (17″.1)

No.	Name	Mag.	R. A. 1910	Prec. and Sec. Var.	Decl. 1910	Prec. and Sec. Var.	Epoch.	No. Obs.
		M	h m s	s s	° ′ ″	″ ″		
1151	860	6.6	2 28 21.53	+2.5491−.0019	−33 0 13.0	+15.990−.231	9.9	4
1152	127	7.7	28 25.06	+0.9713+.0318	−69 0 33.0	+15.987−.092	9.8	4
1153	882	7.3	28 31.04	+2.6544−.0008	−27 24 0.2	+15.982−.240	10.1	4
1154	957	6.3	28 32.29	+2.4684−.0024	−36 49 29.2	+15.981−.224	10.2	4
1155	441	9.7	28 41.10	+1.8485+.0013	−56 35 16.7	+15.973−.170	10.1	4
1156	163	7.6	28 41.51	+1.4882+.0102	−62 59.34.3	+15.973−.138	10.2	4
1157	178	7.5	28 47.79	+1.3828+.0138	−64 26 37.3	+15.967−.129	10.0	4
1158	746	7.0	28 54.97	+2.2274−.0027	−46 16 2.6	+15.961−.203	9.9	4
1159	877	5.9	29 21.86	+2.5040−.0021	−35 2 44.1	+15.937−.228	9.9	9
1160	151	7.4	29 37.62	+1.0258+.0289	−68 21 53.3	+15.923−.098	9.9	4
1161	866	7.6	29 48.32	+2.5403−.0018	−33 13 17.5	+15.914−.232	10.3	6
1162	748	8.8	29 49.36	+2.0977−.0018	−50 10 56.6	+15.913−.193	9.9	4
1163	819[1]	8.7	29 53.04	+2.6287−.0009	−28 37 43.6	+15.909−.240	9.9	3
1164	819[2]	5.0	29 54.23	+2.6287−.0009	−28 37 38.6	+15.909−.240	10.3	9
1165	941	7.3	29 55.78	+2.5967−.0012	−30 19 48.2	+15.907−.237	10.0	4
1166	317	8.4	30 12.28	+2.0172−.0010	−52 20 15.3	+15.893−.186	9.9	4
1167	206	8.0	30 21.02	−0.2419+.1209	−76 10 57.8	+15.885+.015	10.2	4
1168	870	7.6	30 21.85	+2.5327−.0018	−33 30 35.5	+15.884−.232	9.9	4
1169	681	8.0	30 28.78	+2.1412−.0021	−48 47 4.0	+15.878−.197	9.8	4
1170	444	7.1	30 29.62	+2.7376+.0007	−22 19 21.6	+15.877−.250	9.8	4
1171	947	8.2	30 38.53	+2.5946−.0012	−30 20 37.3	+15.869−.238	10.3	4
1172	611	6.3	30 50.66	+2.0453−.0012	−51 29 14.8	+15.858−.189	9.8	4
1173	775	8.8	30 57.18*	+2.2776−.0026	−44 10 59.3	+15.853−.210	10.4	3,4
1174	398	5.9	31 8.64	+3.1652+.0109	+ 6 27 27.8	+15.842−.289	9.9	5
1175	418	5.0	31 8.93	+3.1470+.0104	+ 5 12 3.0	+15.842−.288	9.9	4
1176	935	8.1	31 15.53	+2.6166−.0009	−29 5 27.1	+15.836−.240	10.2	4
1177	169	6.7	31 21.08	+1.4649+.0110	−62 58 53.7	+15.831−.138	10.1	4
1178	212	6.9	31 28.25	+1.5694+.0078	−61 22 37.8	+15.825−.147	10.1	4
1179	865	7.1	31 30.88	+2.3205−.0026	−42 30 20.9	+15.823−.214	9.9	4
1180	858	7.9	31 31.74	+2.4268−.0023	−38 11 53.1	+15.822−.224	10.2	4
1181	360	5.7	31 43.28	+3.2480+.0137	+12 3 27.7	+15.811−.298	9.9	7
1182	445	7.2	31 52.40	+2.7437+.0009	−21 47 46.8	+15.803−.253	9.8	4
1183	150	9.2	32 10.10	+1.2225+.0197	−66 0 12.3	+15.787−.117	9.8	4
1184	958	5.8	32 16.44	+2.5884−.0011	−30 26 12.4	+15.782−.239	9.9	4
1185	1157	7.6	32 26.16	+2.6999+.0003	−24 18 37.8	+15.773−.250	9.9	4
1186	616	7.0*	32 27.18	+2.0450−.0011	−51 14 42.3	+15.772−.191	9.9	4
1187	190	8.2	32 29.38	+0.4009+.0655	−72 50 20.1	+15.770−.043	10.1	4
1188	757	7.8	32 42.90	+2.4007−.0023	−39 7 16.8	+15.758−.223	9.9	4
1189	826	8.1	32 45.61	+2.2419−.0023	−45 9 3.7	+15.755−.209	10.4	4
1190	191	7.0	33 [illegible].08	+0.4088+.0647	−72 44 31.3	+15.741−.044	10.0	4
1191	951	7.2	33 10.26	+2.6062−.0008	−29 23 1.6	+15.733−.242	10.0	4
1192	902	7.6*	33 10.38	+2.4772−.0019	−35 42 39.4	+15.733−.230	10.6	4
1193	903	5.8	33 14.40	+2.4932−.0018	−34 57 44.6	+15.729−.232	10.4	4
1194	448	8.9	33 27.41	+1.8471+.0017	−55 54 28.0	+15.718−.174	10.3	4
1195	758	8.4	33 29.87	+2.3933−.0022	−39 18 23.6	+15.715−.223	10.1	4
1196	66	5.3	33 33.52*	−1.4063+.2520	−79 30 8.1*	+15.712+.121	10.2	20
1197	211	7.0	33 39.27	−0.3304+.1261	−76 17 13.8	+15.707+.023	10.3	4
1198	998	6.9	33 40.13	+2.7135+.0006	−23 22 58.7	+15.706−.252	10.4	4
1199	362	5.4	33 42.16	+3.4009+.0193	+21 34 21.8	+15.704−.315	10.2	9,14
1200	740	8.1	33 46.43	+2.3468−.0023	−41 8 7.1	+15.700−.219	9.9	4

1196S.P. 33ˢ.50, 8″.0, 9.4, 9, 8. 1173 (57ˢ.53)

No.	Name	Mag.	R. A. 1910	Prec. and Sec. Var.	Decl. 1910	Prec. and Sec. Var.	Epoch.	No. Obs.
		M	h m s	s s	° ′ ″	″ ″		
1201	215	8.0	2 33 55.08	+0.0911+.0883	−74 24 57.0	+15.693−.015	10.1	4
1202	28	7.8	33 57.71	−9.1857+2.417	−86 7 5.8	+15.690+.827	9.9	4
1203	973	5.8	34 25.81	+2.5797−.0010	−30 34 52.9	+15.665−.241	10.6	4
1204	457	5.3	34 26.21	+1.9686−.0000	−52 55 56.9	+15.664−.186	10.1	4
1205	875	7.2	34 43.04	+2.3127−.0022	−42 17 39.8	+15.649−.217	9.8	4
1206	876	7.3	34 46.19	+2.3218−.0022	−41 56 31.1*	+15.646−.218	9.8	4
1207	875	6.5*	34 47.07	+2.4108−.0020	−38 22 39.9	+15.645−.226	10.4	4
1208	406	4.0	34 52.08	+3.0716+.0082	− 0 3 33.5	+15.641−.287	10.1	10,17
1209	1072	7.6	34 54.86	+2.5704−.0010	−30 59 15.9	+15.638−.241	10.4	4
1210	953	7.4	34 55.05	+2.6623 .0000	−26 7 53.8	+15.638−.250	10.4	4
1211	68	8.0	34 59.00	−1.4090+.2493	−79 25 41.8*	+15.634+.122	10.2	4
1212	848	7.3	35 9.14	+2.6235−.0004	−28 12 30.0	+15.625−.246	10.4	4
1213	843	7.4	35 9.41	+2.2318−.0020	−45 7 19.1	+15.625−.210	9.8	4
1214	844	8.0	35 10.30	+2.2324−.0020	−45 5 45.7*	+15.624−.211	9.8	4,3
1215	501	5.0	35 12.58	+2.8906+.0038	−12 15 14.1	+15.622−.271	9.9	5
1216	958	7.8	35 26.20	+2.6644+.0001	−25 57 24.8	+15.610−.250	9.8	4
1217	462[1]	8.1	35 48.48	+1.9437+.0004	−53 20 23.2	+15.589−.185	10.0	5
1218	462[2]	9.0	35 49.26	+1.9436+.0004	−53 20 29.6	+15.589−.185	10.1	4
1219	805	8.4	35 54.00	+2.2554−.0020	−44 11 18.2	+15.584−.214	9.9	4
1220	920	7.3	36 4 30	+2.4744−.0016	−35 24 41.2	+15.575−.234	10.4	4
1221	444	8.6	36 7.99	+1.8602+.0017	−55 13 46.4	+15.571−.177	10.4	4
1222	445	7.5	36 9.01	+1.8604+.0017	−55 13 27.4	+15.570−.177	10.3	4
1223	1081	6.5	36 11.61	+2.5663−.0009	−31 1 7.7	+15.568−.242	10.4	4
1224	465	6.9	36 11.95	+1.9420+.0005	−53 19 23.5	+15.568−.185	9.8	4
1225	216	8.1	36 16.85	+1.5038+.0098	−61 46 4.6	+15.563−.145	10.6	4
1226	731	7.8	36 17.43	+2.0850−.0011	−49 32 7.1	+15.563−.198	10.2	4
1227	814	4.5	36 22.14	+2.2790−.0020	−43 16 39.4	+15.558−.216	9.9	4
1228	170	7.1	36 25.94	+1.0183+.0281	−67 41 18.5	+15.555−.100	10.3	4
1229	610	5.0	36 33.82	+3.7757+.0361	+39 48 50.1	+15.548−.354	10.8	4
1230	977	7.5	36 41.12	+2.5480−.0010	−31 51 11.6	+15.541−.241	9.9	4
1231	990	8.1	36 43.13	+2.5747−.0008	−30 31 23.3	+15.539−.244	10.3	4
1232	217	7.5	36 57.00	+1.5517+.0085	−60 56 1.1	+15.526−.150	10.3	4
1233	689	4.1	37 6.99	+2.3565−.0019	−40 14 24.9	+15.517−.224	10.0	14
1234	205	7.0	37 14.52	+1.6088+.0070	−59 57 13.0	+15.510−.155	10.1	4
1235	206	7.2	37 19.43	+1.6081+.0070	−59 57 17.0	+15.506−.155	10.1	4
1236	760	7.7	37 23.28	+2.3180−.0019	−41 41 5.3	+15.502−.221	9.9	4
1237	192	6.6	37 35.54	+1.2807+.0171	−64 40 5.7	+15.491−.125	10.2	4
1238	175	7.7	37 37.91	+1.4015+.0129	−63 4 55.2	+15.488−.136	10.4	4
1239	999	9.4	37 47.04	+2.5684−.0008	−30 41 47.2*	+15.480−.244	10.8	4,3
1240	446	5.3	37 51.58	+1.8623+.0018	−54 56 5.8	+15.476−.179	10.1	4
1241	154	6.7	37 57.62	+0.5950+.0505	−71 3 58.2	+15.470−.062	10.7	6
1242	778	8.5	37 58.17	+2.3847−.0018	−38 58 55.7	+15.470−.228	10.6	4
1243	173	7.3	37 59.85	+1.0362+.0271	−67 20 32.9	+15.468−.103	10.3	4
1244	1000	7.6	38 0.93	+2.5660−.0008	−30 47 19.0	+15.467−.244	9.8	4
1245	984	8.5	38 2.51	+2.6026−.0004	−28 55 49.9	+15.466−.248	9.7	1
1246	746	4.2	38 2.77	+4.0454+.0509	+48 50 53.4	+15.465−.382	10.0	9
1247	634	8.6	38 4.41	+1.9908+.0000	−51 49 42.2	+15.464−.191	10.6	4
1248	155	7.6	38 8.42	+1.1159+.0236	−66 30 7.7	+15.460−.110	10.8	4
1249	424	4.6	38 9.98	+3.5121+.0234	+27 19 29.1	+15.459−.332	9.8	4
1250	161	4.3	38 12.12*	+0.8953+.0338	−68 39 8.6*	+15.457−.090	10.0	13

1250 S.P. 12ˢ.16, 10″.3, 9.8, 8, 7, (4″.4).
1206 29″.6, 31″.6, 31″.4, 31″.9.
1211 40″.3, 41″.6, 42″.3, 43″.0.
1214 (43″.2). 1239 (51″.7).

No.	Name	Mag.	R. A. 1910	Prec. and Sec. Var.	Decl. 1910	Prec. and Sec. Var.	Epoch.	No. Obs.
		M	h m s	s s	° ′ ″	″ ″		
1251	784	8.1	2 38 22.42	+2.3765−.0018	−39 15 11.5	+15.447−.227	10.4	5
1252	986	8.5	38 27.18*	+2.6010−.0004	−28 57 30.6	+15.443−.248	10.9	3,4
1253	894	5.9	38 31.63	+2.3880−.0017	−38 46 3.1	+15.439−.229	10.1	8
1254	422	3.6	38 38.16	+3.1151+.0094	+ 2 51 25.2	+15.433−.296	10.3	8
1255	819	7.9	38 43.77	+2.2791−.0018	−42 54 56.3	+15.427−.219	10.3	4
1256	832	6.2	38 54.06	+2.1596−.0013	−46 54 19.4	+15.418−.208	10.4	4
1257	870	6.8	38 55.82	+2.6081−.0003	−28 32 1.7	+15.416−.250	10.6	4
1258	453	7.0	38 56.32	+1.7730+.0034	−56 40 48.9	+15.416−.172	10.6	4
1259	208	9.3	39 12.49	+1.5685+.0080	−60 22 9.0	+15.401−.153	10.3	4
1260	1099	7.5	39 14.01	+2.5492−.0008	−31 27 3.8	+15.399−.244	10.4	4
1261	138	6.7	39 28.42	+0.7669+.0401	−69 37 0.3	+15.386−.078	10.2	4
1262	641	5.4	39 29.66	+2.0074−.0000	−51 11 18.0	+15.384−.194	10.3	4
1263	54	7.9*	39 30.04	−1.8880+.3061	−80 12 1.7	+15.384+.170	9.9	4
1264	767	8.8	39 34.74	+2.3110−.0017	−41 37 11.0	+15.380−.223	10.3	4
1265	800	7.7	39 37.25	+2.0468−.0004	−50 6 40.1	+15.377−.198	10.4	4
1266	875	7.6	39 50.13	+2.6107−.0002	−28 16 52.4	+15.365−.251	10.3	4
1267	519	4.4	39 50.33	+2.8547+.0034	−14 14 22.1*	+15.365−.274	9.9	8,9
1268	769	6.3	39 50.64*	+2.3288−.0017	−40 54 35.8*	+15.365−.225	10.6	4
1269	55	8.8	39 51.70	−1.7293+.2824	−79 51 52.4	+15.364+.156	9.8	1
1270	464	8.0	39 53.33	+1.7494+.0039	−57 1 20.8	+15.362−.170	10.3	4
1271	939	6.8	39 54.22	+2.5058−.0010	−33 25 38.1	+15.362−.241	10.6	4
1272	1001	8.3	39 54.76	+2.5929−.0003	−29 11 17.7	+15.361−.249	10.6	4
1273	46	7.5	39 57.96	−3.5590+.5969	−82 37 13.9	+15.358+.327	10.0	4
1274	874	7.5	40 3.99	+2.2122−.0014	−45 2 4.6	+15.352−.214	10.1	4
1275	359	4.4	40 4.49	+3.2200+.0125	+ 9 44 4.5*	+15.352−.308	10.0	22,27
1276	996	6.9	40 14.53	+2.6553+.0004	−25 52 38.4	+15.342−.256	10.3	4
1277	790	9.0	40 19.64	+2.1555−.0012	−46 49 21.8	+15.338−.209	10.6	4
1278	943	6.1	40 33.99	+2.5151−.0009	−32 54 17.4	+15.324−.243	9.9	4
1279	1033	7.2*	40 34.02	+2.4306−.0014	−36 41 16.1	+15.324−.235	10.2	4
1280	156	8.4	40 42.55	+0.4434+.0589	−71 50 36.3	+15.316−.048	10.6	4
1281	226	8.3*	40 54.61	−0.0838+.0975	−74 42 23.1	+15.305+.001	10.4	4
1282	474	7.2	40 57.11	+2.7142+.0012	−22 32 38.0	+15.302−.262	9.9	4
1283	475	6.3	41 17.40	+1.9270+.0011	−52 57 0.7	+15.283−.188	9.8	4
1284	179	7.4	41 33.67	+1.3508+.0145	−63 17 55.0	+15.268−.134	9.8	4
1285	181	6.3	41 52.16*	+1.0199+.0272	−67 5 34.1*	+15.251−.103	9.9	8
1286	999	8.1	41 53.04	+2.4821−.0010	−34 14 33.8	+15.250−.241	9.8	4
1287	1000	8.5	41 57.24	+2.4816−.0010	−34 15 10.4	+15.246−.241	10.1	4
1288	797	6.8	42 2.87	+2.1524−.0010	−46 39 56.3	+15.240−.210	9.9	4
1289	1117	7.8*	42 5.20	+2.5537−.0005	−30 51 30.4	+15.238−.248	10.2	4
1290	910	7.9	42 5.31	+2.3808−.0014	−38 32 36.3	+15.238−.232	9.9	4
1291	159	7.7	42 6.18	+0.4643+.0570	−71 35 7.9	+15.237−.050	10.3	4
1292	1099	7.4	42 9.07	+2.6543+.0005	−25 42 41.8	+15.234−.258	10.4	4
1293	835	6.9	42 9.98	+2.2564−.0014	−43 12 55.5	+15.234−.220	10.4	4
1294	716	8.0	42 13.51	+2.3409−.0014	−40 5 47.6	+15.230−.228	10.4	4
1295	182	8.8	42 14.46	+0.9575+.0300	−67 39 51.4	+15.229−.097	10.6	4
1296	142	6.7	42 15.93	+0.7429+.0407	−69 32 28.6	+15.228−.077	10.6	4
1297	477	7.1	42 20.56	+2.7205+.0014	−22 2 23.3	+15.224−.264	10.2	4
1298	479	6.5	42 39.70	+2.7204+.0014	−22 1 2.2	+15.206−.265	10.2	4
1299	957	8.1	42 48.97	+2.5085−.0007	−32 54 38.9	+15.197−.245	10.1	4
1300	1061	6.7	43 7.90	+2.7045+.0012	−22 51 40.9	+15.179−.264	9.9	4

1285 S.P. 52ˢ.16, 34″.4, 9.5, 5.

1252 (27ˢ.44). 1267 (25″.8) 1268 Mean 1275 (6″.4).

No.	Name	Mag.	R. A. 1910	Prec. and Sec. Var.	Decl. 1910	Prec. and Sec. Var.	/Epoch.	No. Obs.
		M	h m s	s s	° ′ ″	″ ″		
1301	458	8.7	2 43 8.16	+1.7464+.0042	−56 38 38.6	+15.178−.173	9.8	4
1302	792	7.9	43 17.64	+2.3040−.0013	−41 20 11.2	+15.169−.226	9.8	4
1303	1043	8.0*	43 21.21	+2.3965−.0012	−37 43 19.8	+15.166−.235	9.9	4
1304	196	5.7	43 32.04*	+1.2726+.0170	−64 4 54.7*	+15.156−.128	9.9	8
1305	1050	6.5	43 54.70	+2.4375−.0010	−35 55 32.1	+15.134−.240	10.1	4
1306	169	4.9	44 9.24*	+0.9014+.0322	−67 59 41.4*	+15.120−.093	9.8	8
1307	1128	7.1	44 21.55	+2.5280−.0005	−31 47 46.5	+15.108−.249	9.8	4
1308	471	3.7	44 40.97	+3.5186+.0228	+26 53 23.9	+15.090−.344	10.0	33,44
1309	1016	6.8*	44 48.28	+2.4752−.0008	−34 9 23.9	+15.083−.244	10.2	4
1310	165	6.8	44 55.55	+0.4227+.0584	−71 36 46.0	+15.076−.047	9.8	4
1311	1053[1]	7.0	45 2.39	+2.3895−.0011	−37 46 35.8	+15.069−.236	9.9	5
1312	1053[2]	8.5	45 2.70	+2.3894−.0011	−37 46 40.4	+15.069−.236	10.0	4
1313	1025	4.5	45 19.43	+2.5041−.0006	−32 47 0.5	+15.053−.248	10.0	13
1314	1027	8.3	45 31.93	+2.5042−.0005	−32 45 7.5	+15.041−.248	9.9	4
1315	1133	7.6	45 37.08	+2.5375−.0003	−31 11 13.2	+15.036−.251	9.8	4
1316	817	8.0	45 40.13	+2.1337−.0005	−46 43 14.8	+15.033−.212	10.0	4
1317	913	6.7	45 43.57	+2.1738−.0008	−45 27 47.2	+15.029−.216	10.4	4
1318	1120	6.3	45 51.74	+2.6612+.0009	−24 55 47.4	+15.022−.263	10.1	4
1319	903	5.4	46 0.27	+2.5954+.0002	−28 18 54.2	+15.013−.257	10.3	4
1320	185	8.2	46 3.72	+1.3086+.0157	63 20 7.7	+15.010−.133	10.2	4
1321	480	5.5	46 31.31	+3.3056+.0150	+14 42 42.0	+14.983−.326	9.9	8
1322	33	7.3	46 34.46	−7.9630+1.728	−85 23 57.5	+14.980+.765	9.9	4
1323	1067	5.8	46 36.49	+2.4221−.0008	−36 12 57.6	+14.978−.241	10.1	4
1324	1086	7.4	46 47.81	+2.6878+.0013	−23 23 56.5	+14.967−.267	10.0	4
1325	509	4.8	46 57.34	+2.7243+.0017	−21 22 28.6	+14.958−.271	10.1	13,14
1326	188	5.4	47 1.60	+1.3122+.0155	−63 10 46.9	+14.954−.134	10.3	4
1327	1070	5.5	47 2.20	+2.4248−.0008	−36 2 44.7	+14.953−.242	9.9	8
1328	467	8.5	47 15.19	+1.7758+.0038	−55 30 21.2	+14.941−.179	10.0	4
1329	736	6.2	47 19.03	+2.3166−.0010	−40 18 10.6	+14.937−.232	10.0	4
1330	863	8.0	47 23.84	+2.1980−.0007	−44 26 44.4	+14.932−.220	10.3	4
1331	217	7.6	47 24.48	−0.6612+.1431	−76 34 6.6	+14.932+.058	10.7	6
1332	1072	7.6*	47 33.37	+2.5405−.0001	−30 48 24.0	+14.923−.254	10.1	4
1333	817	6.9	47 40.47	+2.2872−.0009	−41 20 1.4	+14.916−.229	10.1	4
1334	831	7.9	48 0.45	+2.1346−.0004	−46 21 54.6	+14.897−.214	9.9	4
1335	843	8.9	48 7.46	+1.9802+.0010	−50 40 35.4	+14.890−.200	9.8	4
1336	1148	6.5*	48 7.57	+2.5309−.0002	−31 11 11.9	+14.890−.253	9.9	4
1337	481	7.4	48 37.84	+1.6612+.0061	−57 33 44.4	+14.860−.169	9.8	4
1338	470	8.4	48 42.27	+1.7697+.0040	−55 26 40.9	+14.856−.180	10.1	4
1339	232	7.0	48 50.19	−0.1033+.0932	−74 12 49.0	+14.848+.004	10.1	4
1340	848	7.1	48 58.39	+1.9927+.0009	−50 14 16.4	+14.840−.202	9.8	4
1341	825	8.6	48 59.48	+2.2770−.0008	−41 31 12.0	+14.839−.230	9.9	4
1342	849	7.7	49 2.88	+1.9791+.0010	−50 34 51.7	+14.836−.200	9.8	4
1343	502	6.7	49 15.15	+2.7006+.0016	−22 27 29.1	+14.824−.271	9.8	4
1344	827	6.7	49 19.04	+2.2690−.0007	−41 45 35.6	+14.820−.229	9.8	4
1345	992	8.2*	49 30.16	+2.4322−.0005	−35 24 32.6	+14.809−.245	10.2	5
1346	503	6.1	49 32.13	+2.6949+.0015	−22 44 29.9	+14.807−.271	10.1	4
1347	172	6.7	49 33.95*	+0.8546+.0334	−67 53 29.7	+14.805−.090	10.1	4,5
1348	482	8.2	49 41.36	+1.6650+.0060	−57 21 35.9	+14.798−.170	9.8	4
1349	203	6.7	49 44.68	+1.2311+.0180	−63 54 31.3	+14.795−.127	10.1	4
1350	948	5.8	50 2.82	+2.3463−.0007	−38 48 17.2	+14.777−.237	9.9	4

1304 S.P. $32^s.12$, $56''.0$, 9.8, 6.

1306 S.P. $9^s.20$, $42''.0$, 9.6, 9.

1347 ($33^s.53$).

No.	Name	Mag.	R. A. 1910	Prec. and Sec. Var.	Decl. 1910	Prec. and Sec. Var.	Epoch.	No. Obs.
		M	h m s	s s	° ′ ″	″ ″		
1351	1092	8.7	2 50 15.27	+2.5509+.0002	−29 59 18.4	+14.764−.258	10.8	1
1352	204	8.7	50 17.01	+1.1866+.0196	−64 23 18.4	+14.763−.123	9.9	4
1353	832	8.7	50 19.19	+2.2692−.0006	−41 37 7.2	+14.761−.230	10.1	4
1354	197	6.1	50 22.78	+1.2759+.0165	−63 16 38.2	+14.757−.132	10.2	4
1355	750	8.4	50 24.66	+2.2982−.0007	−40 33 36.7	+14.755−.233	9.8	4
1356	858	9.6	50 25.20	+1.9831+.0011	−50 17.34.6	+14.755−.202	10.0	1
1357	946	7.8	50 35.17	+2.1680−.0003	−44 58 24.1	+14.745−.220	10.0	4
1358	1096	7.8	50 47.96	+2.5449+.0002	−30 12 30.0	+14.732−.258	10.0	4
1359	34β	7.9	50 48.12	+1.9178+.0019	−51 52 25.7	+14.732−.196	9.9	4
1360	1162	6.9*	50 49.78	+2.5224+.0000	−31 15 22.8	+14.730−.256	10.3	4
1361	1097	9.4*	50 58.08	+2.5490+.0002	−29 59 39.0	+14.722−.258	10.8	4
1362	204	4.7	51 2.59*	−0.4195+.1172	−75 26 5.1*	+14.718+.035	10.1	10
1363	1048	6.9	51 7.86	+2.4628−.0003	−33 53 25.3	+14.712−.250	10.6	4
1364	683	6.1	51 11.61	+1.9417+.0016	−51 14 14.2	+14.709−.199	10.1	4
1365	684	8.0	51 14.62	+1.9425+.0016	−51 12 42.8	+14.706−.199	10.1	4
1366	201	6.6	51 19.53	+1.0489+.0247	−65 49 16.9	+14.701−.110	10.1	4
1367	458	5.6	51 21.15	+3.3619+.0165	+17 39 52.5	+14.699−.340	10.0	4
1368	1071	7.5	51 28.32	+2.6232+.0009	−26 17 55.2	+14.692−.266	10.6	4
1369	1072	8.2	51 31.46	+2.6191+.0008	−26 29 57.3	+14.689−.266	10.4	4
1370	1160	6.7*	51 32.06	+2.6355+.0010	−25 40 2.3	+14.688−.268	10.6	4
1371	474	6.7	51 45.34	+1.7103+.0052	−56 14 44.5	+14.675−.176	10.1	4
1372	553	4.0	52 1.78	+2.9240+.0052	− 9 15 21.4	+14.659−.297	10.0	26,46
1373	1074	7.3	52 11.84	+2.6164+.0009	−26 33 50.0	+14.649−.267	9.8	4
1374	853	7.0	52 20.50	+2.3329−.0005	−39 0 53.0	+14.640−.238	10.1	4
1375	203	7.5	52 20.53	+1.0908+.0229	−65 15 59.7	+14.640−.115	10.4	4
1376	1077	7.9	52 26.91	+2.6180+.0009	−26 27 20.0	+14.634−.267	10.3	4
1377	198	8.8	52 29.95	+1.2506+.0172	−63 22 11.8	+14.631−.131	9.9	4
1378	686	8.2	52 34.29	+1.9185+.0020	−51 37 26.8	+14.627−.197	10.1	4
1379	206	6.5	52 38.34	+1.1299+.0214	−64 47 59.4	+14.623−.119	10.2	4
1380	207	6.6	53 0.41	+1.1640+.0201	−64 22 6.1	+14.600−.122	10.1	5
1381	1099	7.4	53 9.55	+2.3804−.0004	−37 3 42.6	+14.591−.244	10.2	4
1382	208	8.7	53 9.83	+1.1593+.0203	−64 24 24.4	+14.591−.122	10.6	4
1383	1015	6.6*	53 11.36	+2.4130−.0003	−35 44 23.8	+14.590−.247	10.6	4
1384	1168	8.2	53 15.51	+2.6385+.0012	−25 20 9.5	+14.585−.270	10.2	5
1385	1169	7.1	53 16.92	+2.6385+.0012	−25 19.48.3	+14.584−.270	10.2	5,4
1386	1107	7.5	53 17.37	+2.3901−.0004	−36 39 32.5	+14.584−.245	10.4	4
1387	1336	5.4	53 23.63	+2.6598+.0014	−24 13 21.6	+14.577−.272	10.3	8
1388	1122	6.3	53 24.56	+2.5382+.0003	−30 13 0.6	+14.576−.260	10.4	4
1389	1112	7.7*	53 37.81	+2.3856−.0003	−36 47 40.4	+14.563−.245	9.9	4
1390	235	8.2	53 40.51	+1.3576+.0138	−61 49 32.0	+14.560−.142	9.8	4
1391	976	6.3	54 2.11*	+2.3393−.0004	−38 33 7.4	+14.539−.241	9.9	9
1392	484	4.6	54 3.78	+3.4254+.0184	+20 58 51.1	+14.537−.350	9.8	7,10
1393	1343	6.0	54 5.49	+2.6634+.0015	−23 58 4.2	+14.535−.274	10.1	4
1394	1036	8.1	54 37.48	+2.4616−.0000	−33 30 42.1	+14.503−.254	9.9	4
1395	771[1]	3.4	54 50.93	+2.2792−.0003	−40 39 53.7	+14.490−.236	10.3	33
1396	771[2]	4.4	54 51.71	+2.2791−.0003	−40 39 53.0	+14.489−.236	10.0	10
1397	77	7.6	54 59.65	−1.3614+.2054	−78 13 37.0	+14.481+.131	9.8	4
1398	476	6.8	54 59.99	+1.7342+.0049	−55 22 27.8	+14.480−.181	10.0	4
1399	986	7.6	55 2.58	+2.3412−.0003	−38 21 5.9	+14.478−.242	10.2	4
1400	201	7.3	55 10.21	+1.2260+.0178	−63 23 43.8	+14.470−.130	10.2	5

1362S.P. $2^{s}.54$, $4.^{n}6$, 9.8, 9.

1391 $1.^{s}96$ included.

No.	Name	Mag.	R. A. 1910	Prec. and Sec. Var.	Decl. 1910.	Prec. and Sec. Var.	Epoch.	No. Obs.
		M	h m s	s s	° ′ ″	″ ″		
1401	1106	6.2	2 55 16.61	+2.5540+.0006	-29 15 52.6	+14.464-.264	10.1	4
1402	1071	6.7*	55 22.10	+2.4352-.0001	-34 32 51.1	+14.458-.252	10.0	4
1403	1191	5.6	55 38.37	+2.6278+.0012	-25 38 3.3	+14.442-.272	10.3	4
1404	915	7.3	55 42.96	+2.1740+.0001	-44 6 9.4	+14.437-.226	9.8	4
1405	1042	6.3	55 55.66	+2.4729+.0001	-32 51 55.3	+14.424-.256	9.9	10,9
1406	162	8.4	55 56.45	+0.6234+.0431	-69 14 46.0	+14.423-.069	10.3	4
1407	349	8.4	56 2.22	+1.8645+.0029	-52 27 15.2	+14.418-.195	10.1	4
1408	494	7.7	56 15.81	+1.7910+.0040	-54 2 51.7	+14.404-.188	10.3	4
1409	978	7.8	56 18.04	+2.5691+.0008	-28 26 11.4	+14 402-.267	10.4	4
1410	480	6.9	56 35 ?9	+1.6966+.0056	-55 55 19.8	+14.384-.178	10.0	4
1411	987	7.3	56 47.39	+2.2268-.0000	-42 13 50.6	+14.372-.232	9.9	4
1412	982	7.6	56 51.77	+2.5771+.0008	-27 59 42.2	+14.367-.268	10.1	4
1413	497	6.8	56 54.51	+1.7769+.0042	-54 15 57.6	+14.364-.187	10.2	4
1414	34	8.4*	56 57.79	-8.8479+1.862	-85 31 39.5	+14.361+.894	10.0	4
1415	31	8.1	57 3.07	-11.078+2.678	-86 13 43.6	+14.356+1.12	10.0	4
1416	247	8.8	57 4.78	+1.2562+.0167	-62 48 56.2	+14.354-.134	9.9	4
1417	215	5.1	57 5.64	+1.1228+.0212	-64 25 44.4	+14.353-.120	10.1	4
1418	1049	7.3*	57 22.58	+2.4551+.0002	-33 27 56.7	+14.336-.256	9.8	4
1419	1050	8.4	57 29.63	+2.4530+.0002	-33 32 21.5	+14.329-.256	9.8	4
1420	419	2.8	57 34.40	+3.1336+.0098	+ 3 44 13.8*	+14.324-.326	10.0	46,69
1421	986	7.8	57 36.29*	+2.5587+.0008	-28 47 27.0	+14.322-.267	10.4	4
1422	866	7.7	57 42.23	+2.2388+.0000	-41 42 24.9	+14.316-.234	9.9	4
1423	987	5.9	57 44.80	+2.5659+.0008	-28 26 8.3	+14.313-.268	10.2	5
1424	216	7.3	57 57.29	+1.1537+.0200	-63 59 5.3	+14.300-.124	10.1	4
1425	232	7.8	58 0.12	+1.4386+.0114	-60 10 32.2	+14.298-.153	10.1	4
1426	27	8.4	58 9.48	-33.535+19.00	-88 31 59.7	+14.288+.342	10.0	4
1427	1387	4.2	58 25.41	+2.6552+.0016	-23 58 36.9	+14.272-.278	10.0	11,12
1428	829	7.9	58 50.50	+2.0315+.0012	-47 54 47.1	+14.246-.214	10.0	4
1429	70	8.0*	59 16.90	-2.2432+.3047	-79 57 3.0	+14.219+.225	9.8	4
1430	630	3.8	59 24.26	+3.8220+.0331	+38 29 31.7	+14.211-.399	10.4	17
1431	549	7.7	59 42.98	+2.6967+.0022	-21 42 44.7	+14.192-.284	9.8	4
1432	932	5.7	2 59 51.31	+2.0481+.0012	-47 19 38.6	+14.184-.217	10.0	5
1433	482	8.2	3 0 1.12	+1.7066+.0056	-55 19 14.5	+14.174-.182	9.8	4
1434	951	8.5	0 11.83	+2.1462+.0006	-44 24 19.7	+14.162-.227	9.9	4
1435	893	8.1	0 37.94	+2.2908+.0002	-39 31 19.5	+14.135-.243	9.8	4
1436	956	6.7	0 41.60	+2.1492+.0006	-44 14 57.9	+14.132-.228	9.9	4
1437	1011	9.4	0 48.00*	+2.0978+.0009	-45 47 16.3	+14.125-.223	10.4	3,4
1438	241	7.2	0 53.53	+1.3505+.0137	-61 8 57.9	+14.119-.146	10.1	4
1439	699	8.5	1 1.03	+1.8680+.0031	-51 45 42.9	+14.112-.199	9.9	4
1440	839	7.3	1 7.42	+2.0102+.0016	-48 12 26.8	+14.105-.214	10.1	4
1441	201	7.8	1 7.71	+0.4583+.0500	-70 2 10.4	+14.105-.054	10.4	4
1442	250	7.2	1 15.19	+1.4734+.0105	-59 17 0.4*	+14.097-.159	9.9	4,3
1443	236	5.2	1 29.49	+1.4194+.0118	-60 5 11.5	+14.082-.153	9.8	4
1444	704	7.5	1 44.03	+1.8681+.0031	-51 40 23.8	+14.067-.200	9.8	4
1445	706	8.9	1 47.87	+1.8679+.0032	-51 40 10.3	+14.063-.200	9.8	4
1446	244	7.7	1 48.05	+1.3408+.0140	-61 11 28.0	+14.063-.145	9.9	4
1447	893	7.9	1 56.90	+2.2343+.0003	-41 19 59.7	+14.054-.238	10.1	4
1448	219	5.5	2 3.85*	+0.0932+.0710	-72 15 14.3*	+14.046-.016	10.0	19
1449	514	7.6	2 4.62	+1.7989+.0041	-53 10 43.8	+14.046-.193	10.4	4
1450	245	7.9	2 8.31	+1.3235+.0144	-61 23 47.6	+14.042-.144	10.5	4

1448S.P. $3^s.90$, $14''.1$, 9.6, 9; 4.43 included 1420 $15''.6$, $12''.2$, $11''.9$, included.

1421 $36^s.15$ included 1437 ($48^s.24$). 1442 ($3''.0$).

No.	Name	Mag.	R. A. 1910	Prec. and Sec. Var.	Decl. 1910	Prec. and Sec. Var.	Epoch.	No. Obs.
		M	h m s	s s	° ′ ″	″ ″		
1451	210	8.9	3 2 10.55	+1.0107+.0247	−65 10 21.9	+14.039−.111	10.5	4
1452	673	Var.	2 18.50	+3.8908+.0355	+40 36 33.9	+14.031−.411	10.0	14
1453	1152	7.6*	2 22.24	+2.3350+.0003	−37 41 14.5	+14.027−.249	10.6	4
1454	496	8.1	2 33.59	+1.5719+.0082	−57 30 51.5	+14.015−.170	10.2	4
1455	857	4.2	2 33.97	+4.1822+.0496	+49 16 12.0	+14.015−.442	10.5	9
1456	238	7.2	2 38.45	+1.3801+.0128	−60 32 41.4	+14.010−.150	10.2	4
1457	211	8.2	2 44.55	+0.9731+.0260	−65 30 45.0	+14.004−.107	9.8	4
1458	1185	7.2	2 53.52	+2.5126+.0008	−30 20 0.6	+13.995−.268	10.1	4
1459	857	9.3*	2 56.07	+1.9377+.0024	−49 51 29.0	+13.992−.208	10.2	4
1460	859	8.3	3 9.36	+1.9651+.0021	−49 8 28.9	+13.978−.211	9.8	4
1461	631	4.0	3 25.15	+4.0155+.0410	+44 31 1.5	+13.962−.426	9.9	10
1462	1159	7.6	3 31.64	+2.4566+.0006	−32 41 50.2	+13.955−.263	9.7	4
1463	1028	6.1	4 0.13	+2.5576+.0012	−28 10 33.1	+13.925−.274	10.3	8
1464	1195	7.3	4 11.55	+2.5022+.0009	−30 39 30.8	+13.913−.268	9.7	4
1465	917	8.5	4 35.75	+2.2740+.0005	−39 38 41.7	+13.888−.245	9.8	4
1466	67	7.6	4 53.96	−3.3387+.4466	−81 26 25.9	+13.868+.346	9.8	4
1467	1278	7.4	4 55.23	+2.6177+.0017	−25 14 4.9	+13.867−.281	9.8	4
1468	499	8.3	4 59.56	+1.5764+.0081	−57 10 6.8	+13.863−.172	9.9	4
1469	1092	7.1	5 8.79	+2.3765+.0005	−35 46 24.8	+13.853−.256	9.9	4
1470	904	8.7	5 14.63	+2.2121+.0006	−41 40 55.2	+13.847−.239	10.0	4
1471	224	8.0	5 19.01	+0.0344+.0730	−72 21 1.4	+13.842−.009	10.0	4
1472	1103	7.5	5 21.33	+2.5786+.0014	−27 3 32.5	+13.840−.278	9.9	4
1473	239	6.9	5 35.00	−0.4570+.1073	−74 40 2.5	+13.825+.042	10.0	4
1474	856	8.2	5 40.94	+1.9837+.0021	−48 21 32.9	+13.819−.215	10.1	4
1475	201	7.6	5 41.84	−0.2639+.0929	−73 49 4.9	+13.818+.022	10.3	4
1476	257	7.3	5 45.75	+1.2464+.0164	−62 3 43.9	+13.814−.138	10.1	4
1477	1262	7.9	5 50.78	+2.4766+.0009	−31 35 47.0	+13.808−.268	10.4	4
1478	258	7.2	5 59.03	+1.2342+.0168	−62 11 53.8	+13.800−.136	10.2	4
1479	247	7.3	6 11.64	+1.2862+.0153	−61 29 37.6	+13.786−.142	10.1	4
1480	131	8.2	6 25.44	−1.3115+.1819	−77 30 36.7	+13.772+.133	10.5	5
1481	170	8.0	6 25.59	+0.8641+.0297	−66 15 48.7	+13.772−.098	10.1	5
1482	875	8.4	6 26.83	+1.9432+.0025	−49 18 17.7	+13.770−.212	9.9	4
1483	877	8.9	6 27.89	+1.9409+.0025	−49 21 35.5	+13.769−.212	9.9	4
1484	477	4.5	6 28.80	+3.4143+.0170	+19 23 12.7	+13.768−.368	10.0	27,37
1485	1480	6.4	6 37.51	+2.6382+.0020	−24 4 48.3	+13.759−.286	9.8	4
1486	228	7.2	6 39.59	+0.0140+.0735	−72 22 9.6	+13.757−.007	10.2	4
1487	174	6.0	7 7.03	+0.4528+.0483	−69 36 28.1	+13.728−.054	9.9	4
1488	737	7.7	7 15.34	+1.8617+.0035	−51 10 26.1	+13.719−.204	9.9	4
1489	929	7.0	7 18.39	+2.2722+.0006	−39 23 31.2	+13.716−.247	9.8	4
1490	219	6.9	7 19.02	+0.9910+.0247	−64 54 32.4	+13.715−.111	10.0	4
1491	495	7.9	7 19.58	+1.6368+.0070	−55 49 41.3	+13.714−.180	9.9	4
1492	884	6.1	7 31.79	+1.9474+.0025	−49 4 25.3	+13.701−.213	10.1	4
1493	942	7.7	8 0.98	+2.0356+.0018	−46 41 23.7	+13.670−.223	10.1	4
1494	1174	6.9	8 2.05	+2.5195+.0012	−29 29 59.4	+13.669−.274	10.0	4
1495	457	5.1	8 10.76	+3.0464+.0078	− 1 31 56.2	+13.660−.331	10.0	5
1496	1177	4.0	8 14.86	+2.5226+.0012	−29 20.29.3	+13.655−.275	10.1	19,28
1497	260	8.6	8 22.92	+1.1764+.0184	−62 41 40.5	+13.647−.131	9.8	4
1498	265	6.7	8 24.06	+1.4967+.0098	−58 8 56.6	+13.646−.166	10.1	4
1499	935	6.9	8 27.64	+2.2693+.0007	−39 21 38.8	+13.642−.248	9.8	4
1500	229	6.7	8 28.12	+1.0420+.0228	−64 15 13.1	+13.641−.117	10.0	4

No.	Name	Mag.	R. A. 1910	Prec. and Sec. Var.	Decl. 1910	Prec. and Sec. Var.	Epoch.	No. Obs.
		M	h m s	s s	° ′ ″	″ ″		
1501	936	7.0*	3 8 33.70	+2.2591+.0008	−39 42 13.5	+13.635−.247	10.0	4
1502	1194	6.9*	8 50.31	+2.4421+.0009	−32 44 4.9	+13.618−.267	10.3	4
1503	826	7.3	8 53.83	+2.2274+.0008	−40 44 51.9	+13.614−.244	9.8	4
1504	1282	7.1	8 54.93	+2.4721+.0010	−31 27 59.4	+13.613−.270	10.2	4
1505	1025	5.9	9 16.07*	+2.0984+.0014	−44 45 24.4*	+13.590−.231	9.8	8
1506	211	8.3	9 24.58	+0.6584+.0378	−67 50 41.0	+13.581−.076	10.2	4
1507	949	7.9	9 25.08	+2.0248+.0019	−46 49 34.2	+13.580−.223	10.3	4
1508	1208	6.2	9 29.92	+2.3507+.0008	−36 16 49.7	+13.575−.258	10.0	4
1509	1067	7.0	9 31.95	+2.5516+.0015	−27 54 39.2	+13.573−.280	10.2	4
1510	504	7.2	9 39.60	+1.5723+.0082	−56 44 24.2	+13.565−.174	10.4	4
1511	527	5.0	9 43 52	+3.4446+.0177	+20 42 41.1	+13.561−.376	9.8	8
1512	1238	6.2	9 52.71	+2.5007+.0012	−30 8 23.7	+13.551−.274	10.2	4
1513	990	7.2	9 55.27	+1.9979+.0022	−47 29 27.9	+13.548−.220	10.0	4
1514	926	7.2	9 58.21	+2.1943+.0010	−41 42 56.9	+13.545−.242	10.5	4
1515	513	5.7	10 16.28	+1.5148+.0094	−57 39 29.6	+13.525−.169	10.2	21
1516	895	7.7	10 20.74	+1.9105+.0030	−49 39 55.1	+13.521−.211	10.3	4
1517	950	6.9	10 26.19	+2.2692+.0009	−39 8 36.5	+13.515−.250	9.8	8
1518	91[1]	9.4	10 30.73	−2.1699+.2683	−79 20 3.5	+13.510+.228	10.0	4
1519	91[2]	5.7	10 34.62*	−2.1697+.2682	−79 19 52.7*	+13.506+.228	10.1	10
1520	960	8.2	10 36.70	+2.0522+.0018	−45 55 49.1	+13.503−.227	9.8	4
1521	833	7.5	10 50.72	+2.2254+.0010	−40 35 25.7	+13.488−.246	9.8	4
1522	242	7.0	11 1.65	−0.5295+.1081	−74 38 30.0	+13.476+.052	10.1	4
1523	1218	6.9*	11 7.74	+2.3563+.0009	−35 53 31.5	+13.470−.260	9.9	9
1524	1210	6.1	11 7.98	+2.5805+.0018	−26 26 0.8	+13.470−.284	10.1	4
1525	506	8.4	11 18.93	+1.5818+.0081	−56 23 58.8	+13.458−.177	10.0	4
1526	1075	7.8	11 25.45	+2.5305+.0015	−28 40 41.5	+13.451−.279	10.0	4
1527	624	4.9	11 27.62	+2.9128+.0055	− 9 9 13.1	+13.448−.321	9.9	5
1528	958	9.6*	11 44.14	+2.2450+.0010	−39 49 50.5	+13.431−.249	9.9	4
1529	1038	7.9	11 47.89	+2.0989+.0016	−44 27 14.0	+13.426−.233	9.9	4
1530	1144	8.7	11 54.38	+2.4152+.0010	−33 30 23.6	+13.420−.267	10.1	4
1531	936	8.2	11 59.11	+2.1920+.0011	−41 33 48.5	+13.414−.243	10.1	4
1532	961	7.4	12 0.72	+2.2586+.0010	−39 19 59.3	+13.413−.250	10.4	4
1533	968	6.8	12 3.48	+2.0438+.0019	−46 0 3.9	+13.410−.227	10.4	4
1534	749	7.6	12 5.23	+1.8507+.0038	−50 53 6.6	+13.408−.206	10.3	4
1535	839	7.0	12 5.47	+2.2361+.0010	−40 5 41.6	+13.407−.248	10.1	4
1536	225	7.7	12 20.68	−0.6394+.1153	−75 0 6.1	+13.391+.064	10.0	4
1537	1013	8.0	12 25.67	+2.1246+.0014	−43 37 4.0	+13.386−.236	10.1	4
1538	180	8.6	12 27.00	+0.8207+.0303	−66 9 47.5	+13.384−.095	10.2	4
1539	1303	6.6	12 28.69	+2.4709+.0012	−31 9 33.6	+13.382−.274	10.2	4
1540	245	7.9	12 33.50	−0.4809+.1032	−74 21 8.4	+13.377+.046	10.2	4
1541	1083	9.2	12 47.96	+2.5243+.0015	−28 49 16.8	+13.361−.280	9.8	4
1542	263	7.0	12 50.06	+1.3574+.0130	−59 50 45.6	+13.359−.153	9.8	4
1543	1232	7.0	13 1.11	+2.3475+.0010	−36 1 18.7	+13.347−.261	9.7	8
1544	1305	6.9	13 13.76	+2.4566+.0012	−31 40 54.6	+13.333−.273	9.9	4
1545	250	8.8	13 17.13	+1.2182+.0167	−61 42 28.4	+13.330−.138	9.8	4
1546	1308	6.8	13 20.51	+2.6311+.0022	−23 51 1.4	+13.326−.292	9.8	4
1547	943	7.8	13 27.80	+2.1857+.0012	−41 36 3.1	+13.318−.244	9.8	4
1548	235	6.8	13 44.93	+0.9501+.0252	−64 46 25.4	+13.299−.109	9.9	4
1549	1228	7.3	13 59.15	+2.5696+.0018	−26 40 52.1	+13.284−.286	9.9	4
1550	855	8.4	14 4.72	+2.2083+.0012	−40 47 57.0	+13.278−.247	9.9	4

1519S.P. 34ˢ.69, 52ⁿ.6, 9.6, 7.

1505 Mean.

No.	Name	Mag.	R. A. 1910	Prec. and Sec. Var.	Decl. 1910	Prec. and Sec. Var.	Epoch.	No. Obs.
		M	h m s	s s	° ′ ″	″ ″		
1551	1216	6.0	3 14 15.22	+2.5143+.0015	−29 7 31.0	+13.266−.280	9.8	4
1552	1146	5.0	14 23.37	+2.6503+.0025	−22 50 23.0	+13.257−.295	10.3	8
1553	217	7.4	14 28.63	+0.3004+.0534	−70 6 49.5	+13.252−.038	9.9	4
1554	1569	8.3	14 30.18	+2.6170+.0022	−24 25 48.0	+13.250−.292	9.8	1
1555	900	5.8	14 30.57	+1.9555+.0028	−48 4 52.6	+13.249−.220	10.0	4
1556	518	5.0	14 38.34	+3.1258+.0094	+ 3 2 26.3	+13.241−.348	10.3	7
1557	1090	8.0	14 46.20	+2.2681+.0011	−38 42 26.2	+13.232−.254	9.8	4
1558	912	8.5	14 58.35	+1.8915+.0034	−49 36 50.8	+13.219−.213	9.9	4
1559	1161	8.2	15 8.50	+2.3556+.0011	−35 29 40.8	+13.208−.264	9.9	4
1560	1093	8.3	15 11.23	+2.2690+.0011	−38 37 48.7	+13.205−.254	9.8	4
1561	548	9.0	15 28.00	+1.7278+.0056	−53 11 0.3	+13.186−.195	9.9	4
1562	584	4.0	15 30.79	+2.6640+.0026	−22 5 6.0	+13.183−.298	10.1	21
1563	1578	6.0	15 39.42	+2.6146+.0022	−24 26 54.7	+13.174−.293	9.7	4
1564	1169	7.0*	15 45.45	+2.3583+.0012	−35 19 47.6	+13.167−.265	9.8	4
1565	217	5.5	15 48.80	+1.1013+.0200	−62 55 9.7	+13.164−.127	9.9	4
1566	764	8.0	15 52.64	+1.7995+.0046	−51 37 24.1	+13.159−.204	10.9	4
1567	520	8.4	16 3.23	+1.5685+.0083	−56 8 57.1	+13.148−.178	10.2	4
1568	265	5.2	16 15.37	+1.1039+.0199	−62 50 58.6	+13.134−.127	9.8	7
1569	1029	7.8	16 18.82	+2.1343+.0016	−42 53 49.6	+13.131−.241	9.9	4
1570	1028	4.3	16 20.06	+2.1171+.0017	−43 24 49.0	+13.129−.239	10.0	15
1571	1213	7.5	16 22.94	+2.3826+.0012	−34 20 13.8	+13.126−.268	10.2	4
1572	768	8.4	16 34.32	+1.8153+.0044	−51 12 5.4	+13.114−.206	9.9	4
1573	248	7.8	16 42.62	−0.4261+.0960	−73 52 39.7	+13.104+.042	10.5	4
1574	275	7.3	16 44.56	+1.4344+.0111	−58 18 27.7	+13.102−.164	10.1	4
1575	1246	6.8	16 53.38	+2.5654+.0020	−26 36 55.9	+13.092−.289	10.1	4
1576	1183	6.4	16 54.58	+2.5584+.0019	−26 55 52.9	+13.091−.288	10.3	4
1577	98	7.9	16 57.17	−2.2121+.2589	−79 9 24.3	+13.088+.239	10.4	4
1578	203	8.3	16 57.26	+0.5045+.0426	−68 29 13.3	+13.088−.061	10.4	4
1579	217	6.1	16 57.67	+0.6581+.0359	−67 15 12.9	+13.088−.078	10.2	4
1580	1248	8.2	17 12.99	+2.5675+.0020	−26 29 41.2	+13.071−.289	10.0	1
1581	1600	5.7	17 28.10	+2.6219+.0024	−23 57 27.5	+13.054−.296	10.0	4
1582	184	7.7	17 50.10	+0.7686+.0313	−66 12 40.8	+13.030−.091	9.8	5
1583	917	1.9	17 53.46	+4.2636+.0482	+49 32 30.3	+13.026−.478	10.1	20
1584	185	7.6	17 58.44	+0.7846+.0306	−66 3 9.9	+13.021−.092	9.8	3
1585	1340	8.1	18 3.94	+2.4512+.0015	−31 26 8.1	+13.014−.277	10.2	4
1586	248	7.8	18 10.59	+1.2516+.0155	−60 49 9.2	+13.007−.144	10.4	4
1587	134	5.5	18 11.03*	−1.5982+.1918	−77 43 1.8*	+13.007+.172	10.1	10
1588	616	6.6	18 15.75	+2.6734+.0028	−21 25 16.4	+13.001−.302	9.9	4
1589	1257	6.3	18 24.11	+2.5781+.0021	−25 54 33.8	+12.992−.292	10.3	4
1590	930	6.5	18 38.83	+1.9373+.0031	−48 5 53.9	+12.976−.221	9.9	4
1591	64	7.6	18 54.77	−6.4117+.9411	−83 51 49.2	+12.958+.708	10.0	4
1592	1032	7.1	19 11.71*	+1.9748+.0028	−47 4 57.2	+12.939−.225	10.1	4
1593	1115	8.6	19 19.36	+2.2520+.0014	−38 46 47.4	+12 931−.256	9.9	4
1594	268	7.8	19 29.89	+1.1182+.0191	−62 23 46.7	+12.919−.130	9.9	4
1595	253	7.8	19 39.20	+1.1650+.0177	−61 48 29.4	+12.909−.135	10.0	4
1596	981	7.6	19 40.90	+2.1654+.0017	−41 34 31.6	+12.907−.247	9.8	4
1597	250	7.2	19 45.35	−0.5680+.1035	−74 18 25.8	+12.902+.058	9.9	4
1598	1126	7.3	19 52.43	+2.5227+.0019	−28 14 57.6	+12.894−.287	10.0	4
1599	511	3.8	19 58.08	+3.2294+.0114	+ 8 42 45.6	+12.888−.366	10.1	47,61
1600	1202	6.5	20 7.80	+2.4067+.0015	−33 1 34.0	+12.877−.274	10.4	4

1587 S.P. $11^{s}.02$, $2''.1$, 9.7, 11. 1592 $11^{s}.89$ included.

No.	Name	Mag.	R. A. 1910	Prec. and Sec. Var.	Decl. 1910	Prec. and Sec. Var.	Epoch.	No. Obs.
		M	h m s	s s	° ′ ″	″ ″		
1601	779	8.0	3 20 12.37	+1.7784+.0050	−51 37 57.7	+12.872−.204	9.9	4
1602	78	8.4	20 14.79	−3.5578+.4224	−81 12 53.7	+12.869+.392	9.8	4
1603	898	6.8	20 16.73	+2.2005+.0016	−40 23 42.2	+12.867−.251	10.0	4
1604	206	7.1	20 21.53	+0.4219+.0453	−68 51 23.4	+12.861−.052	10.4	4
1605	1272	7.7	20 33.78	+2.2857+.0014	−37 29 15.3	+12.848−.261	9.9	4
1606	988	7.3	20 51.94	+2.1624+.0017	−41 32 54.7	+12.827−.248	9.8	4
1607	1026	8.2	21 28.17	+2.0003+.0027	−46 10 14.9	+12.787−.230	9.9	4
1608	1318	7.2*	21 28.58	+2.4744+.0018	−30 9 34.7	+12.786−.283	10.0	4
1609	1027	7.2	21 33.79*	+2.0071+.0026	−45 58 52.6*	+12.780−.231	10.1	4
1610	920	4.9	21 38.78	+4.2469+.0460	+48 44 58.2	+12.775−.483	9.9	4
1611	1284	7.0	21 47.01	+2.2828+.0015	−37 28 8.2	+12.765−.262	10.0	4
1612	1216	7.3	21 47.84	+2.5341+.0020	−27 35 18.5	+12.764−.290	10.0	4
1613	790	6.6	21 55.76	+1.7820+.0050	−51 22 46.7	+12.756−.206	9.9	4
1614	1127	7.6	22 11.50*	+2.2479+.0016	−38 37 43.8	+12.738−.258	9.9	3,4
1615	439	3.8	22 17.39	+3.2438+.0117	+ 9 25 10.3	+12.731−.371	10.0	8,9
1616	231	8.2*	22 27.10	−0.7591+.1149	−74 54 48.9	+12.720+.080	10.4	4
1617	1290	6.2	22 27.11	+2.3156+.0015	−36 14 9.0	+12.720−.266	9.9	8
1618	998	8.0	22 28.22	+2.1541+.0019	−41 38 28.0	+12.719−.248	10.2	4
1619	1291	7.2	22 30.40	+2.3144+.0015	−36 16 23.7	+12.717−.266	10.0	4
1620	1228	6.0	22 34.53	+2.5315+.0020	−27 38 0.4	+12.712−.291	10.6	5
1621	399	7.7	22 50.18	+1.7150+.0059	−52 41 50.3	+12.694−.199	10.1	4
1622	1115	6.4	22 58.75	+2.1423+.0019	−41 57 7.3	+12.685−.247	9.9	4
1623	1268	7.7	22 58.82	+2.5018+.0019	−28 52 30.6	+12.684−.288	10.2	4
1624	240	9.6	23 2.10	−0 1129+.0720	−71 59 59.8	+12.681+.008	10.4	4
1625	1006	8.1	23 17.09	+2.1757+.0018	−40 53 2.1	+12.664−.251	10.1	4
1626	225	8.1	23 19.98	+1.0496+.0208	−62 52 41.8	+12.661−.124	10.2	4
1627	230	6.2	23 39.09*	+0.2317+.0532	−69 56 26.7*	+12.639−.032	9.9	8
1628	525	8.4	23 57.61	+1.5780+.0081	−55 12 23.7	+12.618−.184	9.8	4
1629	806	9.4	23 57.73	+1.7921+.0049	−50 57 28.3	+12.618−.208	10.0	4
1630	1306	5.7	24 4.16	+2.3179+.0016	−35 59 37.8	+12.611−.268	9.9	9
1631	1009	8.5	24 8.11	+2.1522+.0019	−41 31 55.8	+12.606−.249	10.8	1
1632	843	4.6	24 13.41	+4.2142+.0437	+47 41 7.5	+12.600−.483	10.1	6
1633	929	7.2	24 17.13	+2.1942+.0018	−40 11 33.7	+12.596−.254	9.9	4
1634	930	7.6	24 22.18	+2.1954+.0018	−40 8 42.4	+12.590−.254	9.9	4
1635	1139	6.8	24 37.82	+2.0614+.0024	−44 10 6.1	+12.572−.239	10.1	4
1636	1310	6.5	24 43.17	+2.3115+.0016	−36 9 52.2	+12.566−.268	10.0	4
1637	403	9 ½	24 45.96	+1.7225+.0058	−52 21 12.1	+12.563−.201	10.6	4
1638	536	9.5	24 52.84	+1.4841+.0098	−56 44 23.2	+12.555−.174	9.8	4
1639	192	6.0	25 10.89*	+0.2606+.0512	−69 39 4.2*	+12.535−.035	10.0	8
1640	1016	9.4	25 15.72	+2.1490+.0020	−41 31 9.9	+12.529−.250	10.1	4
1641	1284	7.1*	25 20.99	+2.3696+.0017	−33 57 55.1	+12.523−.275	10.3	4
1642	1412	6.8	25 39.38	+2.6121+.0026	−23 47 9.3	+12.502−.303	10.0	4
1643	1214	6.9	25 51.96	+2.6328+.0028	−22 48 53.4	+12.488−.305	10.1	4
1644	486	4.3	25 54.12	+3.3068+.0129	+12 37 43.7	+12.486−.382	10.1	26,37
1645	502	6.1	25 58.44	+3.1802+.0102	+ 5 52 53.4	+12.481−.368	9.6	1
1646	674	4.8	26 9.04	+2.9739+.0066	− 5 22 59.9	+12.469−.345	10.0	8,10
1647	1158	9.2	26 10.81	+2.2333+.0018	−38 43 31.7	+12.467−.260	10.3	4
1648	285	6.7	26 12.20	+1.3850+.0118	−58 11 30.0	+12.465−.163	10.1	4
1649	1132	7.5*	26 17.24	+2.1038+.0023	−42 46 38.0	+12.459−.245	10.1	4
1650	1322	7.0	26 30.05	+2.3098+.0017	−36 3 21.8*	+12.445−.269	10.0	4,3

1627S.P. $39^s.24$, $27''.7$, 9.7, 7.

1609S.F. 1614 ($11^s.23$) 1650 ($24''.0$)

1639S.P. $11^s.02$, $4''.3$, 10.1, 22; $1''.6$, $1''.7$, $8''.0$, included

No.	Name	Mag.	R. A. 1910	Prec. and Sec. Var.	Decl. 1910	Prec. and Sec. Var.	Epoch.	No. Obs.
		M	h m s	s s	° ′ ″	″ ″		
1651	1161	8.6	3 26 32.15	+2.2280+.0018	-38 52 6.3	+12.442-.260	10.1	4
1652	245	8.9	26 38.41	+0.8698+.0260	-64 33 7.8	+12.435-.105	10.4	4
1653	135	6.9	26 45.73	-1.4904+.1688	-77 3 25.7	+12.427+.165	10.7	6
1654	1085	5.7	26 46.84	+2.0966+.0023	-42 56 32.3	+12.425-.245	9.8	4
1655	1171	7.8	26 53.99	+2.5092+.0021	-28 13 55.5	+12.417-.292	10.2	4
1656	1029	6.1	27 1.17	+2.1383+.0021	-41 40 23.2	+12.409-.250	9.9	8
1657	533	8.9	27 9.12	+1.5678+.0083	-55 5 25.8	+12.400-.185	10.0	4
1658	64	8.4*	27 20.30	-4.9951+.6139	-82 34 46.8	+12.387+.568	9.9	4
1659	956	8.4	27 26.20	+2.1773+.0020	-40 25 20.8	+12.380-.255	10.1	4
1660	101	9.6	27 43.56	-2.7002+.2892	-79 40 14.9	+12.360+.305	10.3	4
1661	1071	6.0	27 43.70	+1.9170+.0036	-47 40 55.5	+12.360-.225	9.9	8
1662	234	4.8	27 48.22	+0.9842+.0222	-63 15 16.2	+12.355-.118	9.9	8
1663	1258	7.2	27 51.38	+2.3665+.0018	-33 51 7.8	+12.351-.277	10.2	4
1664	534	7.9	28 0.57	+1.5620+.0084	-55 6 56.1	+12.341-.185	10.2	4
1665	1333	6.4*	28 2.77	+2.5606+.0024	-25 55 8.5	+12.338-.300	10.0	4
1666	1075	8.8	28 9.22	+1.9458+.0034	-46 55 7.8	+12.331-.229	10.1	4
1667	1452	7.4*	28 33.77	+2.5823+.0026	-24 55 16.5	+12.303-.302	10.0	4
1668	697	3.8	28 41.35	+2.8909+.0054	- 9 45 44.8	+12.294-.338	10.0	33,53
1669	65	8.0	28 51.51	-5.2787+.6534	-82 47 31.5	+12.282+.603	9.9	4
1670	537	7.1	28 58.57	+1.5320+.0089	-55 33 16.5	+12.274-.182	10.1	4
1671	276	6.7	29 16.20	+1.0569+.0199	-62 18 48.4	+12.254-.127	10.3	4
1672	246	8.4	29 32.43	+0.7718+.0288	-65 17 30.1	+12.235-.094	10.3	4
1673	254	7.6	29 33.63	+1.2269+.0153	-60 9 40.4	+12.234-.147	10.1	4
1674	628	4.3	29 48.74	+2.6458+.0030	-21 56 3.1	+12.216-.311	10.0	15,17
1675	1071	5.6	29 53.69	+1.7784+.0052	-50 41 1.4	+12.211-.211	10.0	12
1676	248	8.6	29 54.45	+0.8041+.0277	-64 57 21.5	+12.210-.098	10.8	4
1677	195	5.8	29 56.15*	+0.6000+.0350	-66 47 38.8*	+12.208-.074	10.1	8
1678	857	4.3	30 5.32	+4.2460+.0431	+47 53 38.1	+12.197-.496	10.4	6
1679	1379	7.2	30 14.72	+2.4367+.0020	-30 55 45.6	+12.186-.287	10.6	5
1680	1450	6.2	30 18.64	+2.4251+.0020	-31 22 59.8	+12.182-.286	10.1	4
1681	1188	8.8	30 28.01	+2.2328+.0020	-38 20 8.2	+12.171-.264	10.2	4
1682	1279	8.8	30 29.65*	+2.3262+.0019	-35 5 50.3	+12.169-.275	10.1	4
1683	99	7.7	30 40.40	-1.8926+.1991	-77 55 12.2	+12.156+.214	10.1	4
1684	1054	7.6	30 52.68	+2.1271+.0023	-41 38 25.2	+12.142-.252	9.9	4
1685	265	7.5	30 57.06	+1.1634+.0168	-60 52 39.8	+12.137-.140	10.1	4
1686	1358	6.4	30 57.07	+2.4034+.0020	-32 10 30.6	+12.137-.284	10.0	4
1687	1284	7.1	31 0.75	+2.3240+.0019	-35 7 53.3	+12.133-.275	9.8	4
1688	1348	6.6	31 1.87	+2.5563+.0025	-25 53 0.6	+12.132-.302	9.9	4
1689	266	7.2	31 3.82	+1.0969+.0186	-61 41 39.8	+12.129-.132	9.9	4
1690	267	6.3	31 8.49	+1.1270+.0177	-61 19 10.6	+12.124-.136	10.0	4
1691	236	7.7	31 21.98	-0.8745+.1147	-74 53 56.6	+12.108+.097	9.9	4
1692	295	8.7	31 35.25	+1.3484+.0124	-58 16 33.7	+12.093-.162	9.9	4
1693	1353	7.8	31 39.96	+2.2912+.0020	-36 14 12.7	+12.087-.272	10.2	6
1694	567	7.5	31 49.16	+1.5598+.0084	-54 48 42.4	+12.077-.186	9.9	4
1695	236	7.7	31 54.44	+0.5552+.0363	-67 1 50.4	+12.070-.070	9.9	4
1696	572	4.4	32 16.71	+3.0747+.0082	+ 0 7 0.0	+12.044-.363	9.9	6
1697	237	7.6	32 17.28	+0.4654+.0397	-67 43 5.1	+12.044-.059	9.9	4
1698	569	6.9*	32 20.94	+1.5677+.0082	-54 37 21.1	+12.040-.188	9.9	4
1699	1011	8.0	32 31.79	+1.8111+.0049	-49 42 59.3	+12.027-.216	10.0	4
1700	1198	7.2	32 46.11	+2.0387+.0029	-44 0 51.9	+12.010-.243	9.9	4

1677S.P. $56^{s}.22$, $41''.0$, 9.7, 7.

1682 $29^{s}.79$ included.

No.	Name	Mag.	R. A. 1910	Prec. and Sec. Var.	Decl. 1910	Prec. and Sec. Var.	Epoch.	No. Obs.
		M	h m s	s s	° ′ ″	″ ″		
1701	299	7.5	3 33 5.80	+1.3510+.0123	−58 6 34.0	+11.987−.163	9.9	4
1702	421	8.3	33 8.45	+1.6584+.0068	−52 51 15.3	+11.984−.199	9.9	4
1703	280	7.0	33 8.59	+0.9830+.0215	−62 51 22.3	+11.984−.120	10.0	4
1704	101	5.6	33 14.46*	−2.2680+.2305	−78 39 13.0*	+11.977+.260	10.0	10
1705	1332	6.9	33 19.72	+2.3474+.0020	−34 4 37.6	+11.971−.280	9.9	4
1706	251	7.9	33 23.00	+0.7725+.0281	−65 0 29.7	+11.967−.095	9.9	4
1707	199	6.8	33 23.81	+0.6572+.0321	−66 3 46.5*	+11.966−.082	10.0	4,3
1708	1406	7.3*	33 28.58	+2.4502+.0022	−30 7 31.7	+11.961−.292	10.1	4
1709	1367	7.2*	33 39.65	+2.2759+.0021	−36 35 17.6	+11.948−.271	9.9	4
1710	1336	7.9	33 47.32	+2.3442+.0020	−34 9 19.6	+11.939−.280	10.0	4
1711	1008	4.6	33 51.87	+2.1532+.0024	−40 34 10.2	+11.933−.257	10.1	18
1712	83	7.8	33 54.19	−3.7176+.3952	−81 0 44.9	+11.931+.431	9.8	4
1713	587	7.5	34 0.82	+1.6430+.0070	−53 4 26.8	+11.923−.198	9.9	4
1714	1090	7.5	34 12.20	+1.7798+.0052	−50 15 12.4	+11.910−.214	9.9	4
1715	269	7.5	34 23.56	+1.0631+.0191	−61 50 23.9	+11.896−.130	9.9	4
1716	1479	7.3*	34 32.88	+2.4106+.0021	−31 35 38.9	+11.885−.288	10.2	4
1717	588	8.0	34 36.70	+1.6246+.0073	−53 22 21.6	+11.881−.196	10.0	4
1718	1109	8.6	34 42.90	+2.1985+.0022	−39 4 3.4	+11.874−.263	10.1	4
1719	1225	6.1	35 2.98	+2.4937+.0024	−28 14 12.2	+11.850−.298	10.0	14
1720	1311	7.1	35 14.69	+2.3032+.0021	−35 29 51.7	+11.836−.276	9.9	4
1721	1227	8.3	35 19.30	+2.4913+.0024	−28 18 45.6	+11.831−.298	9.9	4
1722	1122	8.6	35 28.02	+2.0670+.0028	−42 58 18.7	+11.820−.248	9.8	1
1723	1111	8.0	35 31.97	+1.9335+.0037	−46 32 4.4	+11.816−.233	9.8	4
1724	1348	9.3	35 32.49	+2.3372+.0021	−34 15 32.3	+11.815−.280	10.1	4
1725	1034	7.6	35 34.18	+1.8011+.0050	−49 39 41.2	+11.813−.217	9.9	4
1726	564	7.4	36 1.38	+1.3702+.0118	−57 34 41.9	+11.781−.167	9.9	4
1727	1235	6.8*	36 10.46	+2.4778+.0024	−28 47 59.2	+11.770−.297	10.4	4
1728	1388	8.4	36 10.86	+2.2799+.0022	−36 13 53.1	+11.770−.274	10.0	4
1729	1126	8.4	36 11.50	+2.0619+.0029	−43 3 4.8	+11.769−.248	10.2	4
1730	261	8.9	36 14.36	+1.1932+.0156	−60 4 10.0	+11.766−.146	9.8	4
1731	559	8.6	36 21.53	+1.4412+.0104	−56 26 8.7	+11.757−.175	10.4	4
1732	262	7.1	36 22.06	+1.1924+.0156	−60 4 11.0	+11.757−.146	9.8	4
1733	224	7.9	36 28.54	+0.2907+.0457	−68 43 54.1	+11.749−.039	10.2	4
1734	876	3.1	36 30.71	+4.2544+.0413	+47 30 1.7	+11.746−.508	10.2	21
1735	1027[1]	8.5	36 31.97	+2.1429+.0025	−40 38 29.2	+11.745−.258	10.0	4
1736	1027[2]	7.0	36 32.38	+2.1428+.0025	−40 38 35.8	+11.744−.258	10.0	4
1737	1355	7.9	36 34.10*	+2.3187+.0022	−34 50 13.9	+11.742−.279	9.9	3,4
1738	1130	8.0	36 35.33	+2.0337+.0030	−43 48 8.1	+11.741−.245	10.1	4
1739	1241	7.2	37 5.31	+2.4894+.0025	−28 15 29.9	+11.706−.300	9.9	4
1740	1135	7.2	37 15.66	+2.0414+.0030	−43 31 48.2	+11.693−.247	9.9	4
1741	594	7.3	37 18.80	+1.6211+.0073	−53 12 12.8	+11.690−.197	10.1	4
1742	1415	8.3	37 20.88	+2.3899+.0022	−32 9 30.7	+11.687−.288	9.8	4
1743	563	6.7	37 30.14	+1.4298+.0105	−56 31 30.3	+11.676−.174	9.8	4
1744	564	8.6	37 31.58	+1.4350+.0104	−56 26 18.4	+11.674−.175	9.9	4
1745	558	8.0	37 48.59	+1.4703+.0098	−55 50 12.4	+11.654−.179	9.8	4
1746	1103	7.3	37 58.19	+2.1250+.0026	−41 3 23.4	+11.643−.257	9.8	4
1747	1513	6.8	38 6.99	+2.5664+.0028	−24 56 20.0	+11.632−.310	9.9	4
1748	597	8.5	38 6.99	+1.6290+.0072	−52 59 7.4	+11.632−.198	9.9	4
1749	1208	7.7	38 15.21	+2.0907+.0028	−42 2 24.0	+11.623−.253	9.9	4
1750	576	8.2	38 17.54	+1.5722+.0081	−54 1 35.3	+11.620−.192	10.0	4

1704 S.P. $14^s.56$, $12''.6$, 9.8, 13. 1707 ($43''.8$) 1737 ($34^s.35$)

No.	Name	Mag.	R. A. 1910	Prec. and Sec. Var.	Decl. 1910	Prec. and Sec. Var.	Epoch.	No. Obs.
		M	h m s	s s	° ′ ″	″ ″		
1751	566	8.2	3 38 18.78	+1.4056+.0110	−56 50 33.6	+11.618−.172	10.2	4
1752	1430	4.9	38 40.08	+2.3853+.0022	−32 13 31.3	+11.593−.288	10.0	14
1753	642	3.9	38 40.31	+3.7539+.0233	+32 0 13.2	+11.593−.451	10.0	10,9
1754	569	9.0	38 45.46	+1.4329+.0105	−56 22 14.8	+11.587−.175	10.4	4
1755	728	3.7	38 56.15	+2.8788+.0054	−10 4 3.3	+11.574−.348	10.0	10,15
1756	1051	7.1	38 58.35	+1.8578+.0045	−48 3 47.6	+11.571−.226	10.1	4
1757	1052	7.8	39 3.99	+1.8377+.0047	−48 31 26.1	+11.565−.224	9.9	4
1758	815	3.9	39 4.50	+4.0656+.0029	+42 17 41.3	+11.564−.489	9.9	8
1759	244	7.1	39 10.87	−1.0351+.1181	−75 6 46.3	+11.557+.118	10.4	4
1760	1143	6.6	39 16.51	+1.9317+.0038	−46 14 39.8	+11.550−.235	9.8	4
1761	143	8.4	39 25.42	−1.8089+.1772	−77 22 53.2	+11.539+.211	10.3	4
1762	1057	8.1	39 27.75	+1.7832+.0053	−49 42 46.9*	+11.536−.217	10.4	4,3
1763	1415	4.6	39 29.86	+2.2309+.0024	−37 35 49.7	+11.534−.271	10.1	13
1764	507	3.8	39 31.73	+3.5554+.0177	+23 49 51.6	+11.532−.429	10.0	4
1765	1514	7.2	39 33.13	+2.4077+.0023	−31 18 15.8	+11.530−.292	10.6	4
1766	1439	7.6	39 36.36	+2.3675+.0023	−32 48 53.5	+11.526−.287	10.4	4
1767	885	7.2	39 48.14	+1.7175+.0060	−51 4 52.9	+11.512−.210	10.1	4
1768	105	6.1	39 54.46	−2.3620+.2262	−78 36 50.3	+11.505+.277	10.4	6
1769	526	5.1	39 56.14	+3.0449+.0076	− 1 26 47.2	+11.502−.368	10.0	4
1770	266	8.8	40 10.60	+1.1130+.0172	−60 47 47.5	+11.485−.138	9.9	4
1771	1401	7.1	40 15.72	+2.4674+.0025	−28 54 42.4	+11.479−.300	10.2	4
1772	109	6.8	40 25.00	−2.7779+.2665	−79 23 18.3	+11.468+.327	9.9	4
1773	887	7.0	40 28.21	+1.7216+.0060	−50 56 23.9	+11.464−.211	9.9	4
1774	242	7.9	40 32.45	−1.3429+.1386	−76 3 11.8	+11.459+.156	10.2	4
1775	203	7.8	40 41.61	+0.5175+.0354	−66 45 46.7	+11.448−.067	9.8	4
1776	1264	7.0	40 49.69	+2.1973+.0025	−38 34 19.2	+11.438−.268	9.8	4
1777	1119	6.5*	40 55.21	+2.1202+.0027	−40 56 28.2	+11.432−.259	9.8	4
1778	40	8.1*	41 0.94	−9.5170+1.417	−85 0 54.1	+11.425+1.14	10.0	4
1779	585	9.3	41 4.10	+1.5286+.0087	−54 34 25.9	+11.421−.188	9.9	4
1780	1226	7.3	41 11.47	+2.0770+.0030	−42 10 48.0	+11.412−.254	9.9	4
1781	262	7.5	41 23.55	+0.7698+.0267	−64 28 47.9	+11.398−.097	9.9	4
1782	1167	7.4*	41 29.57	+2.1788+.0026	−39 6 4.2	+11.391−.266	9.9	4
1783	275	7.8	41 36.48	+1.0216+.0194	−61 47 32.4	+11.382−.127	9.9	4
1784	1423	6.9	41 45.37	+2.5311+.0028	−26 11 47.1	+11.372−.309	10.2	4
1785	253	8.9	41 50.09	+0.8421+.0244	−63 43 54.2	+11.366−.106	10.2	4
1786	292	7.6	41 59.41	+1.0092+.0197	−61 54 30.6	+11.355−.126	10.2	4
1787	588	7.2	41 59.42	+1.5134+.0089	−54 45 45.3	+11.355−.187	10.0	4
1788	1481	8.4	42 4.53	+2.4270+.0025	−30 22 15.8	+11.349−.296	10.1	4
1789	1069	6.4*	42 5.09	+1.8343+.0048	−48 20 26.0	+11.348−.225	10.0	4
1790	541	3.0	42 7.91	+3.5591+.0176	+23 49 38.9	+11.345−.433	10.0	29,35
1791	1457	8.2	42 12.84	+2.3633+.0024	−32 45 42.6	+11.339−.289	10.4	4
1792	589	6.3	42 16.15	+1.5240+.0088	−54 33 25.2	+11.335−.188	9.8	4
1793	1147	5.7	42 28.09	+1.8630+.0045	−47 38 22.8	+11.320−.229	9.8	4
1794	1280	8.1	42 34.56	+2.1835+.0026	−38 51 46.9	+11.313−.268	10.3	4
1795	574	7.7	42 44.41	+1.3976+.0109	−56 36 52.1	+11.301−.173	10.1	4
1796	1413	5.9	42 47.24	+2.4449+.0025	−29 37 2.8	+11.297−.299	10.4	4
1797	569	8.0	42 48.32	+1.3763+.0113	−56 56 27.7	+11.296−.170	10.6	4
1798	1556	7.3	42 52.63	+2.5426+.0028	−25 38 12.4	+11.291−.311	10.4	4
1799	1557	7.8	42 54.81	+2.5544+.0029	−25 8 4.0	+11.288−.312	10.2	4
1800	1565	4.3	42 58.51	+2.5919+.0031	−23 30 54.4	+11.284−.317	10.0	17

1782 (44″.1)

No.	Name	Mag.	R. A. 1910	Prec. and Sec. Var.	Decl. 1910	Prec. and Sec. Var.	Epoch.	No. Obs.
		M	h m s	s s	° ′ ″	″ ″		
1801	263	3.8	3 43 4.07*	+0.6934+.0288	−65 5 23.7*	+11.277−.088	10.0	14,13
1802	88	7.8	43 8.86	−4.0182+.4004	−81 8 28.6	+11.271+.480	9.8	4
1803	89	9.7	43 22.07	−4.0276+.4008	−81 8 49.9	+11.255+.481	9.8	4
1804	1493	7.1*	43 22.40	+2.4255+.0025	−30 19 55.8	+11.255−.297	10.1	4
1805	1494	6.6	43 40 15	+2.4289+.0025	−30 10 40.5	+11.234−.298	10.4	4
1806	1425	7.0	43 42.42	+2.4400+.0025	−29 44 42.4	+11.231−.299	10.4	4
1807	1877	5.0	43 47.39	+2.5760+.0030	−24 9 11.2	+11.225−.316	10.3	9
1808	557	3.8	43 48.47	+3.5604+.0174	+23 46 43.6	+11.224−.435	10.0	9,11
1809	269	7.4	43 55.18	+0.8007+.0252	−64 0 27.3	+11.215−.102	10.1	4
1810	1434	6.8	44 12.50	+2.5172+.0028	−26 36 18.8	+11.194−.309	9.9	4
1811	1497	5.6	44 17.88	+2.4209+.0025	−30 26 18.6	+11.188−.298	10.1	10
1812	1496	8.1	44 18.04	+2.4226+.0025	−30 22 26.3	+11.188−.298	9.9	4
1813	1453	6.2	44 26.43	+2.2552+.0025	−36 22 56.9	+11.178−.278	9.9	4
1814	271	7.6	44 39.38	−0.8738+.1023	−74 17 20.8	+11.162+.101	10.0	4
1815	914	6.6	44 46.73	+1.6998+.0063	−51 1 44.8	+11.153−.211	10.2	4
1816	254	7.8	44 47.49	−0.0295+.0565	−70 18 10.9	+11.152−.001	10.0	4
1817	1149	7.8	44 51.32	+1.7327+.0059	−50 20 29.6	+11.147−.215	9.9	4
1818	1479[1]	7.6	44 58.28	+2.3768+.0025	−32 3 14.2	+11.139−.293	10.2	4
1819	1479[2]	8.8	44 58.76	+2.3767+.0025	−32 3 21.4	+11.138−.293	10.2	4
1820	255	7.8	45 2.44	−0.0313+.0564	−70 18 0.5	+11.134−.001	10.4	4
1821	1440	6.9*	45 13 26	+2.5228+.0028	−26 18 24.4	+11.121−.311	9.8	4
1822	1297[1]	5.4	45 16.20	+2.2069+.0026	−37 53 48.4	+11.117−.272	9.9	4
1823	1297[2]	4.9	45 16.56	+2.2070+.0026	−37 53 41.4	+11.117−.272	9.9	4
1824	215	7.8	45 31.48	+0.4785+.0355	−66 46 48.8	+11.099−.063	9.9	4
1825	1096	7.1	45 35.54	+2.1160+.0029	−40 40 30.2	+11.094−.262	10.0	4
1826	598	8.5	45 44.34	+1.5383+.0085	−54 1 38.6	+11.083−.192	10.1	4
1827	313	8.0	45 46.74	+1.2968+.0127	−57 54 19.9	+11.080−.162	10.0	4
1828	262	6.5	45 51.60	−0.3430+.0712	−71 56 11.5	+11.074+.037	10.0	4
1829	1466	6.7	45 58.63	+2.2520+.0025	−36 21 57.8	+11.066−.278	10.1	4
1830	1467	4.2	46 5.15	+2.2485+.0025	−36 28 20.8	+11.058−.278	10.0	15
1831	599	7.0	46 8.85	+1.5056+.0090	−54 34 6.4	+11.053−.188	9.9	4
1832	611	8.3	46 26.49	+1.5670+.0080	−53 27 20.9	+11.032−.195	9.9	4
1833	569	7.0	46 38.90	+1.4616+.0097	−55 16 27.3	+11.017−.183	10.1	4
1834	1399	8.1	46 40.30	+2.3367+.0025	−33 23 10.0	+11.015−.289	10.4	4
1835	1487	7.0	46 44.00	+2.3595+.0025	−32 33 28.3	+11.010−.292	9.8	4
1836	1196	7.4	46 46.54	+2.0310+.0033	−43 0 1.0	+11.007−.252	10.0	4
1837	1517	9.3	46 56.49	+2.4056+.0026	−30 49 44.4	+10.995−.298	10.2	4
1838	1563	7.2	46 58.50	+2.4021+.0026	−30 57 39.4	+10.993−.297	10.0	4
1839	614	7.7	47 3.13	+1.5611+.0081	−53 30 53.3	+10.987−.195	9.8	4
1840	1286	6.8	47 8.91	+1.9285+.0040	−45 39 26.4	+10.980−.240	9.8	4
1841	456	7.3	47 9.33	+1.6231+.0072	−52 21 10.4	+10.980−.203	9.9	4
1842	1476	6.8	47 15.99	+2.2389+.0026	−36 41 49.4	+10.972−.278	9.9	4
1843	93	7.9	47 26.65	−3.4732+.3219	−80 17 55.1	+10.959+.420	9.9	4
1844	1217	7.2	47 29.84	+2.1580+.0028	−39 15 12.9	+10.955−.268	9.9	4
1845	1269	8.6	47 30.69	+2.0342+.0033	−42 51 7.8	+10.954−.253	10.0	4
1846	713	6.6	47 34.28	+2.6304+.0034	−21 32 59.1	+10.949−.326	10.4	4
1847	257	7.6	47 42.12	−0.0316+.0552	−70 9 44.9	+10.940−.001	10.2	4
1848	1570	7.7*	47 45.37	+2.3957+.0026	−31 8 34.0	+10.936−.297	10.4	4
1849	1301	8.4	48 0.97	+1.9771+.0037	−44 20 29.0	+10.917−.246	10.2	4
1850	1303	8.1*	48 5.81	+1.9656+.0038	−44 38 8.4	+10.911−.245	10.4	4

1801 S.P. $4^{s}.01$, $24^{n}.3$, 9.8, 10.9.

No.	Name	Mag.	R. A. 1910	Prec. and Sec. Var.	Decl. 1910	Prec. and Sec. Var.	Epoch.	No. Obs.
		M	h m s	s s	° ′ ″	″ ″		
1851	275	8.2	3 48 6.10	-1.0494+.1101	-74 47 2.6	+10.910+.124	10.3	4
1852	666	2.9	48 28.31	+3.7634+.0220	+31 37 0.9	+10.883-.465	10.0	20
1853	276	3.2	48 37.41*	-0.9802+.1052	-74 30 53.8*	+10.872+.116	10.2	28,27
1854	259	7.6	48 46.06	-0.1226+.0588	-70 37 51.8	+10.861+.010	9.8	4
1855	271	7.9	48 52.74	+1.0705+.0174	-60 41 52.6	+10.853-.136	9.8	4
1856	697	7.2	48 55.23	+2.6060+.0033	-22 32 41.6	+10.850-.324	9.9	4
1857	1178	6.7	48 55.48	+1.8425+.0048	-47 35 11.0	+10.850-.230	9.9	4
1858	1206	7.7	49 0.81	+1.8909+.0044	-46 25 53.3	+10.843-.236	9.8	4
1859	150	8.1	49 8.50	-1.7938+.1612	-76 59 21.9	+10.834+.216	10.2	4
1860	587	7.6	49 29.04	+1.3680+.0112	-56 33 46.1	+10.809-.172	9.9	4
1861	247	8.9	49 45.10	-1.6905+.1525	-76 41 43.2	+10.789+.203	9.8	4
1862	1309	7.7	49 45.42	+1.9377+.0040	-45 12 48.8	+10.789-.243	9.9	4
1863	251	7.4	49 46.77	-1.1214+.1130	-74 57 57.4	+10.787+.133	10.3	4
1864	1945	4.8	49 52.85	+2.5500+.0031	-24 52 41.2	+10.780-.318	10.4	8
1865	223	8.0	49 53.10	+0.4670+.0347	-66 36 50.6	+10.779-.062	10.0	4
1866	1619	6.9*	50 4.49	+2.5848+.0032	-23 23 42.1	+10.765-.322	10.0	4
1867	248	8.5	50 4.58	-1.7126+.1537	-76 44 34.9	+10.765+.206	9.9	4
1868	1455	5.1	50 13.20	+2.2829+.0026	-34 59 52.7	+10.754-.285	9.9	8
1869	1185	7.2	50 20.08	+2.0748+.0032	-41 29 24.7	+10.746-.260	9.9	4
1870	1326	6.9	50 34.33	+2.4739+.0028	-27 56 4.5	+10.728-.309	10.3	4
1871	1187	5.8	50 46.02	+1.8546+.0047	-47 9.29.0	+10.714-.233	9.9	4
1872	1189	9.0	50 46.32	+1.8554+.0047	-47 8 12.6	+10.714-.233	9.9	4
1873	1190	9.6	50 48.20	+1.8572+.0047	-47 5 39.0	+10.711-.233	10.1	4
1874	577	8.0	51 11.83	+1.4506+.0097	-55 6 56.0	+10.682-.184	9.9	4
1875	1128	5.6	51 13.94	+2.1024+.0031	-40 37 16.8	+10.680-.264	9.9	4
1876	1960	Var.	51 23.01	+2.5618+.0031	-24 17 44.6	+10.668-.321	9.8	4
1877	1240	9.2	51 27.99	+2.1540+.0029	-39 3 56.9	+10.662-.270	10.0	1
1878	591	8.0	51 32.74	+1.3508+.0114	-56 40 41.0	+10.656-.171	9.9	4
1879	895	3.0	51 48.63	+4.0146+.0286	+39 45 1.6	+10.637-.501	10.1	20
1880	1226	6.9	51 49.03	+1.8713+.0046	-46 40 48.1	+10.636-.236	10.0	4
1881	1478	7.5	51 49.05	+2.5154+.0030	-26 11 26.7	+10.636-.315	10.2	4
1882	1480	7.5	52 1.18	+2.5147+.0030	-26 12 23.6	+10.621-.315	10.0	2
1883	1245	6.8*	52 1.62	+2.1540+.0029	-39 1 18.0	+10.621-.271	9.9	8
1884	1515	7.5	52 8.51	+2.2313+.0028	-36 34 24.5	+10.612-.280	10.2	4
1885	1349	7.8	52 10.79	+2.1790+.0029	-38 14 24.4	+10.609-.274	10.3	4
1886	628	6.4	52 12.10	+1.5703+.0079	-52 57 9.0	+10.608-.199	10.1	4
1887	251	7.6	52 31.14	-1.5350+.1376	-76 9 44.4	+10.584+.186	10.3	4
1888	1564	7.5	52 33.18	+2.4193+.0028	-29 55 15.2	+10.582-.304	10.2	4
1889	1653	6.9	52 39.91	+2.5325+.0030	-25 26 6.9	+10.573-.318	9.9	4
1890	775	4.0	53 7.32	+3.8844+.0245	+35 31 58.0	+10.539-.486	10.0	7
1891	465	8.3	53 14.62	+1.6138+.0073	-52 3 39.3	+10.530-.205	9.9	4
1892	1235	7.6	53 15.52	+1.9980+.0037	-43 22 32.5	+10.529-.252	10.0	4
1893	1253	6.7*	53 16.05	+2.1443+.0030	-39 13 20.9	+10.529-.270	10.0	4
1894	1131	7.6	53 23.46	+1.8077+.0051	-48 1 51.9	+10.519-.229	10.0	4
1895	466	7.8	53 24.58	+1.5894+.0076	-52 30 31.4	+10.518-.202	10.2	4
1896	1148[1]	8.0	53 26.34	+2.1119+.0031	-40 10 30.4	+10.516-.267	10.0	5
1897	1148[2]	8.6	53 26.62	+2.1118+.0031	-40 10 33.6	+10.515-.267	10.0	2
1898	302	8.3	53 27.83	+0.9004+.0210	-62 21 11.5	+10.514-.116	9.9	4
1899	781	3.2	53 49.77	+2.7935+.0046	-13 45 50.5	+10.487-.352	10.0	40,53
1900	284	7.6	53 51.80	+1.0033+.0184	-61 10 5.7	+10.484-.129	9.8	4

1853S.P. 37^{s}.52, 53$^{''}$.6, 9.8, 13.

No.	Name	Mag.	R. A. 1910	Prec. and Sec. Var.	Decl. 1910	Prec. and Sec. Var.	Epoch.	No. Obs.
		M	h m s	s s	° ′ ″	″ ″		
1901	1152	6.9	3 53 51.96	+2.1066+.0032	−40 17 46.6	+10.484−.266	10.0	4
1902	44	7.8	54 4.41	−8.4624+1.040	−84 21 26.2*	+10.469+1.05	9.9	4
1903	1209	8.1	54 20.54	+1.7125+.0061	−50 1 1.8	+10.448−.218	9.9	4
1904	276	8.4	54 30.04	+1.0266+.0177	−60 51 9.1	+10.437−.132	9.9	4
1905	275	6.0	54 53.79	+0.7590+.0245	−63 43 25.8	+10.407−.099	9.9	4
1906	294	7.7	54 54.80	+0.5721+.0300	−65 26 53.4	+10.406−.076	10.0	4
1907	1243	8.0	55 3.68	+1.8626+.0046	−46 38 16.5	+10.395−.237	9.9	4
1908	1165	7.0	55 40.50	+1.7149+.0061	−49 52 1.8	+10.349−.218	9.8	4
1909	539	3.8	55 41.53	+3.3208+.0114	+12 14 11.9	+10.348−.419	10.0	31,50
1910	602	8.8	55 56.74	+1.3074+.0119	−57 1 17.2	+10.328−.168	10.1	4
1911	1324	8.1	56 0.16	+2.0214+.0036	−42 32 20.0	+10.324−.257	9.9	4
1912	2022	4.7	56 5.25	+2.5559+.0032	−24 16 15.7	+10.318−.324	10.4	9
1913	603	8.3	56 20.18	+1.3061+.0119	−57 0 51.4	+10.299−.168	9.8	2
1914	1358	6.7	56 23.70	+1.9585+.0040	−44 10 18.2	+10.295−.249	9.9	4
1915	605	9.2	56 29.62	+1.2971+.0120	−57 8 6.6	+10.288−.167	9.9	4
1916	606	6.1	56 46.87	+1.2806+.0123	−57 21 26.9	+10.266−.165	10.1	4
1917	1333	7.3	57 0.20	+2.0148+.0036	−42 38 37.5	+10.249−.257	9.9	4
1918	1597	5.8	57 5.19	+2.3892+.0028	−30 44 36.7	+10.243−.304	9.9	4
1919	1284	8.1	57 11.76	+2.1355+.0031	−39 11 46.1	+10.235−.272	9.8	4
1920	289	8.5	57 14.09	+0.9510+.0192	−61 33 23.6	+10.232−.124	9.9	4
1921	727	7.2	57 18.36	+2.5958+.0034	−22 31 41.0	+10.226−.330	9.9	4
1922	290	4.4	57 19.14	+0.9418+.0194	−61 39 15.0	+10.225−.122	10.0	16
1923	1365	9.1*	57 33.87	+1.9325+.0042	−44 44 45.2	+10.207−.247	10.0	4
1924	1521	7.5	57 35.94	+2.4923+.0030	−26 46 6.6	+10.204−.317	10.0	4
1925	607	7.0	57 38.01	+1.3194+.0116	−56 43 37.2	+10.202−.170	9.9	4
1926	614	7.9	57 41.83	+1.4645+.0092	−54 24 53.7	+10.197−.188	10.2	4
1927	975	6.4	57 50.44	+1.6089+.0072	−51 49 3.3	+10.186−.206	10.3	4
1928	240	7.8	58 8.99	+0.4688+.0324	−66 8 5.6	+10.163−.063	9.9	4
1929	1369	8.2	58 13.85	+1.9324+.0042	−44 41 53.4	+10.157−.247	10.0	4
1930	241	8.0*	58 21.80	+0.1320+.0440	−68 35 50.3	+10.147−.021	10.2	4
1931	581	3.9	58 22.01	+3.1884+.0091	+ 5 44 24.7	+10.146−.405	9.9	11,16
1932	1268	7.2	58 29.84	+1.8623+.0047	−46 23 18.5	+10.137−.238	10.1	4
1933	1491	6.7	58 36.04*	+2.2730+.0028	−34 43 54.2*	+10.129−.291	9.9	4
1934	310	6.7	58 38.29	+0.8899+.0204	−62 8 47.4	+10.126−.116	10.2	4
1935	616	8.5	58 40.85	+1.4509+.0094	−54 34 31.7	+10.123−.187	10.6	4
1936	1379	7.6	58 42.44	+2.4389+.0029	−28 46 46.6	+10.121−.311	10.6	4
1937	617	7.5	58 48.77	+1.4462+.0094	−54 38 35.9	+10.113−.186	10.0	4
1938	618	8.0	58 53.26	+1.4451+.0095	−54 39 24.0	+10.107−.186	10.2	4
1939	736	6.9*	58 54.11	+2.5864+.0034	−22 50 28.9	+10.106−.330	10.3	4
1940	44	6.5	58 57.82*	−11.696+1.672	−85 31 50.7*	+10.101+1.47	10.3	6
1941	298	7.2	58 59.91	+1.1578+.0145	−58 54 46.4	+10.099−.150	10.1	4
1942	1517	7.4	59 0.13	+2.4655+.0030	−27 44 4.2	+10.098−.315	10.3	4
1943	1242	8.2	59 2.14	+1.6591+.0066	−50 45 22.9	+10.096−.213	10.2	4
1944	1404	8.4	59 20.30	+2.1489+.0031	−38 38 14.3	+10.073−.275	10.1	4
1945	585	4.5	59 22.34	+3.5356+.0151	+21 50 12.0	+10.070−.450	9.9	8
1946	1375	9.3	59 23.30	+1.9205+.0042	−44 54 44.6	+10.069−.246	10.4	4
1947	1245	8.2	59 27.06	+1.6575+.0067	−50 45 29.3	+10.065−.213	10.0	4
1948	312	4.5	59 35.60	+0.8600+.0210	−62 24 37.2	+10.054−.113	9.9	9
1949	2062	7.7	59 40.06	+2.5405+.0032	−24 42 25.8	+10.048−.325	10.3	4
1950	612	8.1	59 46.93	+1.2592+.0125	−57 27 58.8	+10.039−.163	9.9	4

1902 26″.5, 27″.0, 26″.7, 24″.4. 1933 N.P. 1940 N.F.

No.	Name	Mag.	R. A. 1910	Prec. and Sec. Var.	Decl. 1910	Prec. and Sec. Var.	Epoch.	No. Obs.
		M	h m s	s s	° ′ ″	″ ″		
1951	1196	7.6	3 59 46.71	+2.1001+.0033	-40 3 11.9	+10.040-.299	10.3	4
1952	1535	6.8	59 48.31	+2.5059+.0031	-26 5 42.9	+10.038-.320	10.3	4
1953	293	4.8	59 50.55	+0.9567+.0187	-61 19 50.7	+10.035-.125	10.1	4
1954	259	7.8	59 52.54	-1.8470+.1495	-76 45 55.1	+10.032+.229	10.4	4
1955	1379	8.8	59 54.47	+1.9336+.0042	-44 32 45.0	+10.030-.248	10.1	4
1956	247	8.1	59 55.90	-0.8679+.0888	-73 38 3.9	+10.028+.105	10.6	4
1957	1381	8.2	4 0 5.12	+1.9295+.0042	-44 38 15.6	+10.015-.248	10.0	4
1958	1174	7.1	0 21.33	+1.7578+.0056	-48 36 59.9	+ 9.996-.226	10.1	4
1959	1584	7.2*	0 27.26	+2.1893+.0030	-37 18 56.9	+ 9.989-.281	10.2	4
1960	996	7.5	0 39.45	+1.5943+.0074	-51 53 40.2	+ 9.973-.206	9.9	4
1961	1555	9.3	0 48.00	+2.4094+.0029	-29 45 38.5	+ 9.962-.310	10.2	4
1962	1389	8.6	0 52.33	+1.9237+.0042	-44 43 32.6	+ 9.957-.248	10.0	4
1963	1381	7.6	0 52.70	+1.9134+.0043	-44 58 46.6	+ 9.956-.246	10.2	4
1964	614	8.6	0 57.79	+1.2369+.0129	-57 42 23.4	+ 9.950-.161	10.2	4
1965	295	7.0	0 58.60	+0.9262+.0193	-61 36 24.9	+ 9.949-.121	10.0	4
1966	1181	6.7	0 59.16	+1.7790+.0054	-48 6 30.2	+ 9.948-.229	10.2	4
1967	491	8.3	1 8.51	+1.5460+.0080	-52 45 7.3	+ 9.936-.200	10.1	4
1968	234	6.7	1 15.09*	-0.3806+.0638	-71 24 59.2*	+ 9.928+.044	9.9	8
1969	304	8.7	1 15.38	+1.0792+.0158	-59 46 52.2	+ 9.928-.141	10.3	4
1970	305	8.0	1 16.21	+1.0755+.0159	-59 49 35.0	+ 9.927-.140	10.3	4
1971	1636	7.9*	1 17.22	+2.3895+.0029	-30 28 0.8	+ 9.925-.307	10.3	4
1972	649	7.5	1 22.67	+1.5215+.0083	-53 10 29.9	+ 9.918-.197	10.0	4
1973	1638	8.4	1 24.69	+2.3904+.0029	-30 25 27.0	+ 9.916-.307	10.3	4
1974	598	7.7	1 49.22	+1.3717+.0105	-55 38 41.4	+ 9.885-.178	9.9	4
1975	1540	5.6	1 54.84*	+2.4569+.0030	-27 53 51.3	+ 9.878-.316	10.3	8
1976	1388	8.3	1 55.30	+1.9131+.0043	-44 54 45.8	+ 9.877-.247	9.9	4
1977	1564	9.2	2 3.18	+2.4171+.0030	-29 23 51.9	+ 9.867-.311	10.2	4
1978	1687	6.7*	2 3.38	+2.3654+.0029	-31 17 37.2	+ 9.867-.304	10.0	4
1979	939	4.0	2 7.36	+4.3411+.0361	+47 28 22.8	+ 9.862-.555	10.3	9
1980	308	7.9	2 31.07	+1.1189+.0149	-59 11 55.4	+ 9.832-.146	9.8	4
1981	234	7.5	2 33.77	+0.0074+.0471	-69 11 36.0	+ 9.828-.005	9.9	4
1982	1293	7.7	2 45.66	+1.8696+.0046	-45 54 33.7	+ 9.813-.242	9.9	4
1983	587	9.9	2 52.07	+3.0486+.0071	- 1 10 27.7	+ 9.805-.392	11.1	1
1984	1008	7.6	2 55.58	+1.6007+.0073	-51 37 2.2	+ 9.800-.208	9.8	4
1985	754	6.6*	3 4.25	+2.5958+.0035	-22 14 5.8	+ 9.790-.334	9.8	4
1986	1569	8.1	3 26.11	+2.4241+.0030	-29 3 7.6	+ 9.762-.313	9.8	4
1987	1374	8.8	3 29.74	+1.9988+.0038	-42 36 23.0	+ 9.757-.259	9.9	4
1988	1560	8.4	3 39.58	+2.4604+.0031	-27 39 35.2	+ 9.744-.318	10.0	4
1989	1572	9.0	3 40.13	+2.4270+.0030	-28 55 49.3	+ 9.744-.313	10.2	4
1990	299	8.9	3 41.97	+0.9009+.0195	-61 43 34.4	+ 9.741-.119	10.0	4
1991	344	8.0	3 47.29	+1.1495+.0142	-58 43 14.9	+ 9.735-.151	9.9	4
1992	672	5.7	3 55.25	+3.4834+.0136	+19 22 19.0	+ 9.724-.448	10.3	9
1993	1220	7.0	4 18.80	+1.6850+.0063	-49 52 8.2	+ 9.695-.219	9.8	4
1994	1618	6.6	4 20.95	+2.1813+.0031	-37 18 4.2	+ 9.692-.282	9.9	4
1995	1304	6.4	4 27.26	+1.9754+.0040	-43 9 22.8	+ 9.684-.256	9.8	4
1996	289	8.2	4 36.99	+1.0355+.0164	-60 6 57.4	+ 9.671-.136	9.9	4
1997	1569	7.1	4 49.17	+2.3092+.0030	-33 5 43.8	+ 9.656-.299	9.9	4
1998	650	9.4	5 13.11	+3.0610+.0072	- 0 33 55.8	+ 9.625-.396	11.1	1
1999	1748	8.0	5 13.32	+2.5195+.0032	-25 15 17.6	+ 9.625-.326	9.8	4
2000	1309	8.4	5 13.66	+1.9758+.0040	-43 5 31.6	+ 9.624-.257	9.8	4

1968 S.P. $15^s.16$, $59''.9$, 9.5, 6. 1975 $54^s.70$ included.

No.	Name	Mag.	R. A. 1910	Prec. and Sec. Var.	Decl. 1910	Prec. and Sec. Var.	Epoch.	No. Obs.
		M	h m s	s s	° ′ ″	″ ″		
2001	1587	7.8	4 5 19.53	+2.4187+.0030	−29 8 43.4	+9.617−.313	9.9	5
2002	129	8.6	5 25.30	−3.2259+.2483	−79 27 6.3	+9.610+.409	9.7	1
2003	1314	6.4	5 46.33	+1.8526+.0048	−46 6 8.2	+9.583−.241	9.8	4
2004	1581	7.5*	6 7.32	+2.3035+.0030	−33 12 35.0	+9.556−.299	9.9	4
2005	346	7.8	6 10.05	+1.1352+.0142	−58 45 52.2	+9.552−.150	9.8	4
2006	1754	7.0	6 11.95	+2.5177+.0032	−25 16 39.2	+9.550−.327	9.8	4
2007	276	7.7	6 16.63	−0.1759+.0525	−70 6 38.9	+9.544+.019	10.0	4
2008	305	6.4	6 22.65*	+0.6116+.0262	−64 28 4.9*	+9.536−.082	9.9	8
2009	1545	7.2*	6 40.06	+2.2570+.0030	−34 43 58.8	+9.514−.294	10.2	4
2010	125	6.9*	6 40.75*	−2.9094+.2184	−78 52 29.3*	+9.513+.369	10.2	10
2011	1763	7.3	6 58.40	+2.5154+.0033	−25 19 41.8	+9.490−.327	9.9	4
2012	1393	8.8	7 2.49	+2.0065+.0038	−42 9 32.4	+9.485−.262	10.2	4
2013	709	9.2	7 20.88	+3.0766+.0073	+ 0 11 46.8	+9.461−.399	11.1	1
2014	1254	7.8	7 24.60	+2.0565+.0036	−40 46 9.8	+9.456−.268	10.1	4
2015	1588	6.4	7 25.03	+2.2318+.0031	−35 30 22.7	+9.456−.291	10.0	4
2016	764	4.1	7 28.26	+2.9263+.0058	− 7 4 18.2	+9.452−.380	10.2	22,34
2017	305	8.0	7 28.84	+0.4485+.0306	−65 48 47.0	+9.451−.062	10.1	4
2018	1429	8.3	7 43.82	+1.8622+.0047	−45 44 42.7	+9.432−.244	10.3	4
2019	1400	4.8	7 48.75	+2.0020+.0038	−42 13 40.7	+9.425−.262	9.9	8
2020	295	8.7	7 57.44	+0.9840+.0171	−60 32 14.5	+9.414−.131	9.8	4
2021	1063	4.3	8 17.04	+4.3922+.0357	+48 10 53.1	+9.389−.570	10.1	6
2022	305	9.3	8 17.48	+0.8836+.0192	−61 39 24.2	+9.388−.118	10.1	4
2023	1291	7.5	8 21.25	+1.7985+.0052	−47 10 14.5	+9.384−.236	10.0	4
2024	242	8.9	8 27.92	+0.0054+.0447	−68 56 12.2	+9.375−.005	10.0	4
2025	1696	8.1*	8 36.68	+2.3718+.0030	−30 40 2.8	+9.364−.310	9.9	4
2026	307	7.3	8 48.66	+0.8650+.0195	−61 49 46.6	+9.348−.116	9.9	4
2027	2153	6.7	8 58.87	+2.5447+.0034	−24 3 3.5	+9.335−.332	9.9	4
2028	1631	7.0	9 12.20	+2.2007+.0031	−36 22 58.0	+9.318−.288	9.9	4
2029	1810	6.7*	9 12.81	+2.5615+.0034	−23 21 25.2	+9.317−.335	10.1	4
2030	1632	8.1	9 15.38	+2.2009+.0032	−36 22 25.0	+9.314−.288	9.9	4
2031	1701	7.7	9 16.65	+2.3742+.0030	−30 32 37.2	+9.312−.310	10.4	6
2032	249	9.0	9 19.14	−0.5435+.0661	−71 52 33.8	+9.309+.066	10.4	4
2033	1457	7.5*	9 21.86*	+2.4226+.0031	−28 46 14.7*	+9.306−.317	10.0	4,3
2034	1614	7.1	9 34.96	+2.3027+.0030	−33 1 27.3	+9.289−.301	10.0	4
2035	503	8.1	9 39.65	+1.5203+.0080	−52 39 13.3	+9.283−.200	10.0	4
2036	1450	6.7	9 39.75	+1.9045+.0044	−44 35 51.9	+9.282−.250	9.9	4
2037	1451	8.4	9 46.20	+1.9242+.0043	−44 6 13.0	+9.274−.253	10.2	4
2038	664	6.9	9 47.03	+1.4630+.0088	−53 38 29.1	+9.273−.193	10.0	4
2039	305	9.3	9 59.21	+0.7063+.0231	−63 23 28.6	+9.257−.095	10.2	4
2040	1710	7.1	10 29.08	+2.3780+.0031	−30 20 24.6	+9.219−.312	9.9	4
2041	1671	7.1	10 29.62	+2.3232+.0030	−32 16 7.5	+9.218−.305	9.9	4
2042	1286	6.4	10 30.45	+2.0558+.0036	−40 35 9.3	+9.217−.270	9.8	4
2043	1663	8.8	10 38.88	+2.1687+.0032	−37 17 1.8	+9.206−.285	10.0	4
2044	1664	6.8	10 41.84	+2.1695+.0032	−37 15 25.0	+9.202−.285	9.9	9
2045	1425	3.8	11 1.13	+1.9832+.0040	−42 30 57.0	+9.177−.261	10.3	32,31
2046	780	4.5	11 7.73	+2.9099+.0056	− 7 47 33.0	+9.168−.381	10.0	9,13
2047	1490	6.8	11 7.95	+2.1276+.0034	−38 29 14.7	+9.168−.280	9.9	4
2048	1347	6.8*	11 23.81*	+1.8257+.0050	−46 21 21.4	+9.148−.241	10.0	4
2049	1332	7.0	11 26.97	+2.0344+.0037	−41 7 6.9	+9.144−.268	10.2	4
2050	1057	7.4	11 27.39	+1.5601+.0075	−51 49 13.1	+9.143−.206	10.4	4

2008S.P. $22^s.63$, $7''.1$, 9.7, 6, $3''.3$, $5''.8$, $11''.2$, $9''.2$, $5''.9$, $7''.4$.

2010S.P. $40^s.71$, $29''.6$, 9.9, 8.

2033 Mean, ($11''.3$). 2048 $23^s.97$ included.

No.	Name	Mag.	R. A. 1910	Prec. and Sec. Var.	Decl. 1910	Prec. and Sec. Var.	Epoch.	No. Obs.
		M	h m s	s s	° ′ ″	″ ″		
2051	1719	7.4	4 11 31.86	+2.3775+.0031	−30 17 48.9	+9.137−.312	9.9	4
2052	264	8.1	11 36.59	+0.2898+.0341	−66 51 6.0	+9.131−.041	10.4	4
2053	1683	8.2*	11 42.74	+2.3285+.0031	−32 0 49.8	+9.123−.306	10.4	4
2054	358	7.4	11 55.64	+1.1487+.0135	−58 14 56.6	+9.106−.153	10.2	4
2055	1836	6.6	11 55.92	+2.5558+.0034	−23 27 45.6	+9.106−.336	10.2	4
2056	1677	6.6	11 56.58	+2.1615+.0033	−37 25 17.4	+9.105−.284	10.0	4
2057	787	6.8	11 59.18	+2.5824+.0035	−22 22 27.8	+9.102−.339	9.9	4
2058	1497	6.9	12 0.41	+2.1246+.0034	−38 31 16.1	+9.100−.280	9.9	4
2059	2194	8.5	12 10.39	+2.5238+.0033	−24 43 51.5	+9.087−.332	9.9	4
2060	647	7.7	12 15.53	+1.2791+.0113	−56 24 11.4	+9.080−.170	10.0	4
2061	1632	8.1	12 41.48	+2.2223+.0032	−35 29 13.1	+9.047−.293	9.9	4
2062	314	8.0	12 41.88	+0.8419+.0194	−61 52 8.0	+9.046−.113	9.9	4
2063	355	8.9	12 58.39	+1.8286+.0049	−46 11 21.8	+9.025−.242	10.2	4
2064	1408	8.2*	12 58.80	+2.0768+.0036	−39 50 33.0	+9.024−.274	10.1	4
2065	104	8.0	13 11.11	−4.4328+.3380	−80 57 42.2	+9.008+.574	9.8	4
2066	332	3.4	13 15.80	+0.7592+.0212	−62 41 56.3	+9.002−.103	10.1	25
2067	1410	7.0	13 19.88	+2.1018+.0035	−39 6 18.1	+8.997−.278	9.9	4
2068	252	8.6	13 24.77	−0.0962+.0462	−69 20 46.4	+8.990+.009	10.6	4
2069	1734	9.4	13 24.78	+2.3744+.0031	−30 18 18.6	+8.990−.313	10.2	4
2070	334	5.4	13 37.21	+0.7850+.0205	−62 25 3.3	+8.974−.106	10.6	4
2071	672	7.2	13 37.77	+1.4551+.0087	−53 32 30.4	+8.974−.193	10.4	4
2072	1066	4.4	13 40.05	+1.5585+.0075	−51 42 47.8	+8.971−.207	10.0	12
2073	287	7.0	13 41.93	−0.3303+.0547	−70 38 47.9	+8.968+.039	10.7	6
2074	1416	8.8	14 5.40	+2.1016+.0035	−39 3 52.3	+8.938−.278	9.9	5
2075	251	7.5	14 19.63	−0.8533+.0765	−73 2 44.1	+8.919+.108	10.4	4
2076	1613	7.3	14 27.88	+2.2526+.0031	−34 24 22.0	+8.908−.298	10.6	4
2077	1614	3.6	14 29.28*	+2.2644+.0031	−34 1 3.0	+8.906−.299	10.2	10,11
2078	134	8.5	14 33.12	−3.2316+.2264	−79 14 42.6	+8.901+.419	10.6	4
2079	860	5.1	14 33.85	+3.8909+.0206	+34 21 1.0	+8.900−.512	10.0	4
2080	612	3.9	14 40.18	+3.4027+.0113	+15 24 39.2	+8.892−.448	10.1	25,34
2081	1856	6.1	14 46.65	+2.5593+.0035	−23 11 21.8	+8.884−.338	9.9	4
2082	324	4.4	14 55.72	+1.0366+.0152	−59 31 5.4	+8.872−.139	9.9	8
2083	317	6.3	14 59.40	+0.8951+.0180	−61 10 9.9	+8.867−.121	10.2	4
2084	1481	7.8	15 14.23	+1.8363+.0049	−45 52 15.2	+8.848−.244	10.0	4
2085	1622	7.9	15 24.59	+2.2530+.0032	−34 20 22.0	+8.834−.298	10.4	4
2086	1279[1]	8.7	15 24.90	+1.7111+.0059	−48 36 52.5	+8.834−.228	9.9	4
2087	1626[1]	6.5	15 39.44	+2.2592+.0032	−34 7 18.5	+8.814−.299	10.0	4
2088	1626[2]	8.5	15 39.58	+2.2592+.0032	−34 7 24.1	+8.814−.299	10.0	4
2089	317	8.0	15 48.49	+0.5512+.0257	−64 32 8.4	+8.803−.076	10.1	4
2090	1842	6.9	15 56.61	+2.5063+.0033	−25 14 27.6	+8.792−.332	10.4	8
2091	269	8.5	16 0.34	+0.3580+.0308	−66 7 51.2	+8.787−.050	10.2	4
2092	678	7.7	16 2.06	+1.4714+.0084	−53 7 17.5	+8.785−.196	10.3	4
2093	656	7.8	16 4.96	+1.2640+.0112	−56 24 14.8	+8.781−.169	10.0	4
2094	1287	8.0	16 5.13	+1.6998+.0060	−48 48 29.5	+8.781−.226	10.4	4
2095	314	8.6	16 16.35	+0.6817+.0224	−63 18 42.9	+8.766−.093	10.0	4
2096	270	7.7	16 20.98	+0.2544+.0337	−66 53 58.9	+8.760−.037	10.2	4
2097	1459	8.7	16 23.02	+1.9834+.0040	−42 10 31.1	+8.757−.264	10.8	1
2098	1503	5.1	16 25.71	+1.8918+.0045	−44 28 59.3	+8.754−.252	10.2	4
2099	679	6.0	16 26.72	+1.4725+.0084	−53 4 42.6	+8.752−.197	10.0	4
2100	316	8.3	16 39.62	+0.6629+.0228	−63 28 20.9	+8.736−.091	10.6	4

2077 (29^{s}.46).

No.	Name	Mag.	R. A. 1910	Prec. and Sec. Var.	Decl. 1910	Prec. and Sec. Var.	Epoch.	No. Obs.
		M	h m s	s s	° ′ ″	″ ″		
2101	316	6.2	4 16 39.63	+0.6628+.0228	−63 28 25.2	+8.736−.090	10.4	6
2102	649	7.2	16 42.35	+1.3952+.0093	−54 21 8.0	+8.732−.187	10.0	4
2103	831	5.3	16 43.38	+2.6142+.0037	−20 51 13.8	+8.731−.347	10.4	8
2104	1464	8.3	16 47.27	+1.9826+.0040	−42 10 23.6	+8.726−.264	10.3	4
2105	685	8.6	16 49.34	+1.4664+.0084	−53 9 38.7	+8.723−.196	10.6	4
2106	290	7.4*	17 4.06	−0.2253+.0491	−69 56 44.4	+8.704+.026	10.1	4
2107	265	7.3	17 4.76	−1.7663+.1210	−76 1 42.4	+8.703+.228	10.3	6
2108	250	8.6	17 20.92	+0.1030+.0379	−67 55 13.8	+8.681−.017	9.9	4
2109	1666	8.0	17 33.34	+2.2304+.0032	−34 56 40.2	+8.665−.297	10.3	6
2110	712	3.9	17 44.55	+3.4488+.0118	+17 19 55.3	+8.650−.457	10.1	22,27
2111	1642	5.9	17 47.12	+2.4860+.0033	−25 56 23.0	+8.647−.331	10.0	4
2112	295	7.7	17 48.49	−0.6865+.0666	−72 12 57.5	+8.645+.087	10.4	4
2113	1643	8.6	17 49.25	+2.4862+.0033	−25 55 49.0	+8.644−.331	10.0	4
2114	1297	7.4	18 32.27	+1.6822+.0061	−49 1 26.0	+8.588−.225	9.9	4
2115	1539	6.7*	18 33.97	+2.1293+.0034	−37 59 32.4	+8.585−.284	10.4	4
2116	1096	7.5	18 34.26	+1.5674+.0072	−51 15 25.4	+8.585−.210	10.2	4
2117	1677	8.5*	18 42.02	+2.2233+.0032	−35 6 32.1	+8.575−.296	10.2	4
2118	272	8.7	18 44.93	+0.3359+.0306	−66 10 49.5	+8.571−.048	10.0	4
2119	1394	7.6	18 51.22	+1.9457+.0042	−43 0 3.6	+8.563−.260	10.0	4
2120	1386	7.9	18 53.52	+2.0060+.0039	−41 25 45.6	+8.560−.268	10.0	4
2121	320	7.9	19 18.63	+0.6587+.0224	−63 23 9.5	+8.526−.090	10.1	4
2122	1862	6.0	19 19.92	+2.5059+.0033	−25 6 4.5	+8.525−.334	9.9	4
2123	1687	6.4	19 49.55	+2.2008+.0033	−35 45 14.4	+8.486−.294	9.9	8
2124	1758	7.0	19 50.31	+2.3053+.0032	−32 21 38.6	+8.485−.308	9.9	4
2125	265	8.1	19 57.51	−0.1380+.0447	−69 19 57.0	+8.475+.015	10.1	4
2126	253	8.1	20 4.69	−0.0689+.0423	−68 54 45.9	+8.466+.006	10.6	4
2127	342	8.8	20 13.19	+0.7855+.0194	−62 5 1.9	+8.454−.107	9.9	4
2128	266	7.8	20 14.69	−0.1877+.0462	−69 36 36.7	+8.452+.021	10.6	4
2129	276	8.6	20 25.48	+0.2910+.0314	−66 27 5.8	+8.438−.042	10.2	4
2130	1692	8.5	20 33.54	+2.2249+.0032	−34 57 19.7	+8.427−.298	9.9	4
2131	636	8.4	20 35.38	+1.3209+.0101	−55 18 20.4	+8.425−.178	10.0	4
2132	1664	4.1	20 39.31*	+2.2475+.0032	−34 13 31.2	+8.420−.301	10.5	26
2133	1407	7.8	20 52.22	+1.9146+.0044	−43 39 45.6	+8.403−.257	9.8	4
2134	324	5.2	20 54.80	+0.6281+.0227	−63 35 59.4	+8.399−.087	10.2	17
2135	1372	7.3	21 8.80	+2.0444+.0037	−40 15 34.6	+8.381−.274	9.9	4
2136	345	8.9	21 14.16	+0.7847+.0193	−62 2 35.8	+8.374−.107	9.9	4
2137	1404	7.0	21 36.12	+1.7763+.0053	−46 51 1.6	+8.345−.239	9.9	4
2138	1704	6.6	21 36.40	+2.2229+.0033	−34 57 37.1	+8.344−.298	9.9	4
2139	1542	8.4	21 40.53	+1.8896+.0045	−44 13 35.8	+8.339−.254	9.9	4
2140	268	8.6	21 45.69	−0.2356+.0471	−69 49 30.0	+8.332+.028	9.9	4
2141	1710	7.8	22 5.88	+2.1928+.0033	−35 52 41.9	+8.305−.294	10.1	5
2142	658	7.8	22 21.45	+1.1654+.0122	−57 27 31.4	+8.284−.158	9.9	4
2143	667[1]	8.0	22 25.48	+1.2654+.0108	−56 2 22.6	+8.279−.171	10.0	4
2144	659[1]	7.4	22 26.04	+1.1784+.0120	−57 16 32.1	+8.278−.160	9.9	4
2145	659[2]	7.1	22 26.83	+1.1784+.0120	−57 16 29.0	+8.277−.160	9.9	4
2146	1385	7.9	22 28.97	+1.5788+.0070	−50 49 23.3	+8.275−.213	10.0	4
2147	1546	6.2	22 29.30	+1.8819+.0045	−44 21 59.9	+8.274−.253	10.0	4
2148	1386	8.5	22 35.53	+2.0494+.0037	−40 2 25.0	+8.266−.276	10.2	4
2149	1820	8.2	22 39.78	+2.3543+.0032	−30 32 4.6	+8.260−.316	10.2	4
2150	1119	8.2	22 42.48	+1.5627+.0071	−51 6 38.6	+8.257−.211	10.0	4

2132 $39^{s}.45$ included.

No.	Name	Mag.	R. A. 1910	Prec. and Sec. Var.	Decl. 1910	Prec. and Sec. Var.	Epoch.	No. Obs.
		M	h m s	s s	° ′ ″	″ ″		
2151	1537	7.5	4 22 59.55	+1.8516+.0047	−45 3 27.4	+8.234−.250	10.0	4
2152	1728	6.8*	23 4.87	+2.2805+.0032	−33 1 7.5	+8.227−.307	10.2	4
2153	521	8.2	23 8.77	+1.5047+.0077	−52 8 19.8	+8.222−.203	10.1	4
2154	2343	6.1	23 9.82	+2.5226+.0034	−24 16 57.8	+8.220−.339	10.2	4
2155	1578	9.0	23 13.87	+2.0928+.0036	−38 47 18.6	+8.215−.282	10.0	4
2156	698	6.9	23 19.76	+1.4358+.0085	−53 18 56.1	+8.207−.194	10.6	4
2157	640	3.6	23 21.55	+3.4919+.0119	+18 58 53.1	+8.205−.468	10.2	28,35
2158	632	3.6	23 31.30	+3.4147+.0108	+15 40 18.4	+8.192−.458	9.9	5
2159	1396[1]	9.3	23 35.50	+2.0220+.0038	−40 43 56.0	+8.186−.272	10.0	1
2160	1396[2]	6.9	23 35.56	+2.0221+.0038	−40 43 53.5	+8.186−.272	10.2	4
2161	316	7.2	23 35.63	+0.2066+.0327	−66 56 34.8	+8.186−.031	10.2	4
2162	87	8.4	23 42.65	−8.1942+.7238	−83 49 8.5	+8.177+1.09	10.0	4
2163	335	5.6	23 50.14	+0.8301+.0179	−61 26 29.8	+8.166−.114	10.2	4
2164	1728	7.6	23 51.53	+2.3848+.0032	−29 24 0.3	+8.165−.321	10.6	6
2165	336	8.2	24 0.07	+0.7930+.0186	−61 49 38.5	+8.153−.109	10.6	4
2166	116	5.6	24 2.45*	−4.1657+.2769	−80 25 31.3*	+8.150+.552	10.1	14
2167	878	6.7	24 2.52	+2.5866+.0036	−21 42 10.4	+8.150−.348	10.2	4
2168	1797	7.0*	24 14.10	+2.2911+.0032	−32 36 32.2	+8.135−.309	10.1	4
2169	1404	8.2	24 19.31	+2.0329+.0038	−40 23 53.4	+8.128−.274	10.2	4
2170	334	8.0	24 20.98	+0.5351+.0241	−64 17 25.1	+8.125−.075	10.5	4
2171	1950	6.9	24 24.55	+2.5547+.0035	−22 58 2.4	+8.121−.344	10.6	4
2172	1383	6.2	24 27.20	+1.7557+.0054	−47 8 27.4	+8.117−.237	10.4	4
2173	141	7.0	24 27.90	−3.6713+.2357	−79 43 46.6	+8.116+.486	10.4	4
2174	1405	7.2	24 30.60	+2.0224+.0038	−40 40 22.4	+8.113−.273	9.9	4
2175	650	8.4	24 39.01	+1.2999+.0101	−55 24 37.3	+8.101−.177	9.9	4
2176	273	7.9	24 43.75	−0.1453+.0428	−69 11 47.0	+8.095+.016	10.2	4
2177	1691	8.5	24 55.47	+2.4629+.0033	−26 29 31.9	+8.079−.332	10.2	4
2178	285	8.3	24 57.85	+0.3236+.0292	−66 0 48.6	+8.076−.047	10.6	4
2179	1842	7.9	25 1.65	+2.3675+.0032	−29 57 19.5	+8.071−.319	10.4	4
2180	1495	8.0	25 7.75	+2.0812+.0036	−39 0 58.8	+8.063−.281	10.6	4
2181	1812	7.6	25 10.44	+2.2880+.0032	−32 39 51.2	+8.060−.309	10.1	4
2182	1510	6.4	25 12.60	+1.9645+.0041	−42 9 30.5	+8.057−.266	10.2	4
2183	1772	8.0	25 16.25	+2.1229+.0035	−37 48 29.9	+8.052−.287	10.0	4
2184	708	7.9	25 16.57	+1.4123+.0086	−53 36 13.8	+8.051−.192	10.2	4
2185	275	8.6	25 23.77	−0.2176+.0448	−69 35 28.3	+8.042+.026	10.3	4
2186	1697	6.9	25 50.67	+2.4624+.0033	−26 28 23.1	+8.006−.333	10.0	4
2187	332	6.9	26 5.70	+0.6669+.0208	−62 59 54.9	+7.986−.093	9.8	4
2188	1746	8.0	26 8.71	+2.3867+.0032	−29 13 30.0	+7.982−.323	9.9	4
2189	1599	8.2	26 10.58	+2.0840+.0036	−38 52 44.2	+7.979−.282	9.9	4
2190	300	7.9	26 11.33	−0.3317+.0482	−70 11 37.6	+7.978+.041	10.0	4
2191	48	7.9	26 18.92	−16.799+2.310	−86 28 7.3	+7.968+2.24	10.2	4
2192	1520	8.5	26 20.37	+1.9529+.0041	−42 23 43.7	+7.966−.265	10.1	4
2193	1748	7.6*	26 22.29	+2.3906+.0032	−29 4 31.3	+7.964−.323	10.0	4
2194	1426	8.9	26 28.53	+1.7695+.0052	−46 43 46.4	+7.955−.240	10.2	4
2195	1504	7.3	26 31.41	+2.0689+.0037	−39 17 9.4	+7.951−.280	10.4	4
2196	1427	6.2	26 40.15	+1.7698+.0052	−46 42 43.2	+7.940−.240	10.2	4
2197	357	5.8	26 43.09	+0.6929+.0202	−62 43 7.0	+7.936−.096	10.2	4
2198	1983	7.0	26 44.46	+2.5460+.0035	−23 13 8.4	+7.934−.344	10.3	5
2199	1857	7.2	26 51.08	+2.3454+.0032	−30 38 20.7	+7.925−.317	10.4	4
2200	360	8.3	26 58.28	+0.7696+.0186	−61 56 7.4	+7.915−.106	10.4	4

2166S.P. 2ˢ42, 31″.6, 10.0, 14, 33″.9 included.

No.	Name	Mag.	R. A. 1910	Prec. and Sec. Var.	Decl. 1910	Prec. and Sec. Var.	Epoch.	No. Obs.
		M	h m s	s s	° ′ ″	″ ″		
2201	990	6.1	4 27 4.68	+4.2126+.0251	+42 52 21.3	+7.907−.568	10.2	4
2202	1509	7.3*	27 6.90	+2.0714+.0036	−39 11 5.9	+7.904−.281	10.2	4
2203	1606	7.2	27 9.39	+2.0966+.0036	−38 28 8.0	+7.900−.284	10.4	4
2204	1440	7.7	27 17.83	+1.9720+.0040	−41 51 14.4	+7.889−.268	10.4	4
2205	1768	5.9	27 23.58	+2.1847+.0034	−35 50 52.8	+7.881−.296	10.5	4
2206	664	7.9	27 33.73	+1.1518+.0120	−57 22 56.9	+7.868−.158	10.5	4
2207	1452	7.5	27 34.66	+1.9098+.0044	−43 24 25.1	+7.867−.259	10.4	4
2208	1453	7.3	27 38.21	+1.9016+.0044	−43 36 17.2	+7.862−.258	10.4	4
2209	1788	7.2	27 40.45	+2.1438+.0034	−37 4 10.3	+7.859−.291	10.9	4
2210	711	8.2	27 41.11	+1.4304+.0083	−53 10 41.0	+7.858−.195	10.6	4
2211	1445	8.5	27 42.77	+1.9782+.0040	−41 40 13.5	+7.856−.269	10.7	4
2212	993	7.7	27 44.07	+4.2150+.0250	+42 53 53.1	+7.854−.569	9.8	1
2213	1760	7.4	27 45.31	+2.3888+.0032	−29 4 28.0	+7.852−.324	10.4	4
2214	1447	7.1	27 53.99	+1.9894+.0040	−41 22 0.6	+7.841−.270	10.6	4
2215	1517	8.8	27 54.38	+2.0786+.0036	−38 56 24.4	+7.840−.282	10.7	4
2216	1866	8.2*	27 55.68	+2.3633+.0032	−29 58 7.5	+7.838−.320	10.9	4
2217	1756	7.2	27 58.82	+2.1799+.0034	−35 57 59.3	+7.834−.296	10.7	4
2218	1567	5.2	28 4.66	+1.8359+.0048	−45 8 47.8	+7.826−.250	10.0	15
2219	304	7.8	28 17.46	−0.9110+.0682	−72 49 48.7	+7.809+.119	10.5	4
2220	347	8.9	28 18.15	+0.4212+.0258	−65 5 51.3	+7.808−.060	10.4	4
2221	1571	8.4	28 21.47	+1.8175+.0049	−45 33 11.5	+7.804−.247	10.7	4
2222	48	7.2	28 24.75	−10.188+.9671	−84 41 44.9	+7.799+1.37	10.2	4
2223	1770	7.2	28 30.49	+2.3901+.0032	−28 59 41.4	+7.792−.324	10.4	4
2224	720	4.8	28 44.33	+3.3947+.0100	+14 39 20.8	+7.773−.460	10.2	5
2225	172[1]	8.3	28 47.95	−2.6659+.1564	−77 52 59.1	+7.768+.355	10.6	4
2226	172[2]	8.5	28 50.94	−2.6658+.1563	−77 52 55.0	+7.764+.355	10.6	4
2227	1941	7.9	28 53.75	+2.4876+.0033	−25 23 44.0	+7.760−.338	10.6	4
2228	115	5.8	28 54.45*	−5.4628+.3749	−81 47 6.5*	+7.759+.731	10.3	14
2229	349	8.3	28 59.33	+0.3593+.0271	−65 34 16.8	+7.753−.052	10.4	4
2230	345	9.9	29 0.10	+0.4394+.0252	−64 55 5.5	+7.752−.062	10.6	4
2231	1366	9.4	29 20.10	+1.6276+.0063	−49 31 10.2	+7.725−.222	10.2	4
2232	1946	7.4	29 26.79	+2.4776+.0033	−25 44 56.4	+7.716−.337	10.3	4
2233	277	8.4	29 28.13	−0.2810+.0449	−69 48 20.2	+7.714+.035	10.6	4
2234	49	7.1	29 34.33	−9.4849+.8500	−84 23 20.2	+7.706+1.27	10.2	4
2235	1791	8.3	29 40.82	+2.1796+.0034	−35 53 22.5	+7.697−.297	10.4	4
2236	1628	7.6	29 52.95	+2.0916+.0036	−38 28 22.4	+7.681−.285	10.7	4
2237	314	6.9	29 58.61	+0.9378+.0151	−59 57 26.8	+7.673−.130	10.3	4
2238	1883	4.6	29 58.69	+2.3612+.0032	−29 56 53.0	+7.673−.321	10.5	8
2239	268	7.7	30 6.13	+0.0037+.0360	−68 4 47.1	+7.663−.004	10.1	4
2240	1608	6.9*	30 26.85	+2.3978+.0032	−28 38 9.3	+7.635−.326	10.4	4
2241	366	9.0	30 30.74	+0.7452+.0184	−62 1 52.4	+7.630−.104	10.4	4
2242	347	9.1	30 41.97	+0.7887+.0176	−61 34 25.2	+7.615−.110	10.4	4
2243	629	1.1	30 45.32	+3.4347+.0104	+16 19 44.1	+7.610−.466	9.9	24,36
2244	662	8.2	30 50.19	+1.2538+.0103	−55 47 17.1	+7.604−.172	10.1	4
2245	2433	6.6	30 51.44	+2.5161+.0034	−24 13 37.6	+7.602−.343	10.0	4
2246	1961	7.4	31 10.47	+2.4897+.0034	−25 13 25.9	+7.576−.339	10.0	4
2247	1806	7.3	31 14.74	+2.2431+.0033	−33 49 58.6	+7.570−.306	10.6	6
2248	1797	7.2	31 23.02	+2.1786+.0034	−35 50 17.4	+7.559−.297	10.2	4
2249	1798	7.2	31 25.19	+2.2057+.0033	−35 0.14.5	+7.556−.301	10.4	4
2250	2439	6.7*	31 31.84	+2.5026+.0034	−24 43 4.7	+7.547−.341	10.4	4

2228S.P. $54^{s}.56$, $6.''4$, 10.0, 10.

No.	Name	Mag.	R. A. 1910	Prec. and Sec. Var.	Decl. 1910	Prec. and Sec. Var.	Epoch.	No. Obs.
		M	h m s	s s	° ′ ″	″ ″		
2251	1801	7.1	4 31 38.69	+2.1807+.0034	-35 45 42.4	+7.538-.298	10.0	4
2252	834	4.1	31 49.25	+2.9960+.0058	- 3 32 9.4	+7.524-.408	10.1	8,13
2253	353	9.0	31 57.07	+0.3844+.0257	-65 15 15.3	+7.513-.055	9.8	1
2254	355	8.7	32 0.70	+0.3922+.0255	-65 11 21.3	+7.508-.056	9.9	4
2255	663	3.5	32 3.01	+1.2875+.0097	-55 13 50.4	+7.505-.177	10.3	23
2256	1901	3.9	32 3.06	+2.3354+.0032	-30 44 46.2	+7.505-.319	10.1	16
2257		Var.	32 36.48	+0.6153+.0206	-63 12 54.8	+7.460-.086	9.9	4
2258	342	5.9	32 37.42	+0.6371+.0202	-63 0 31.4	+7.459-.089	9.8	4
2259	1799	7.2	32 56.37	+2.4338+.0033	-27 13 46.6	+7.433-.333	9.8	4
2260	802	9.3	33 1.47	+3.0755+.0064	+ 0 8 17.9	+7.426-.420	11.1	1
2261	1655	7.2	33 16.24	+2.1021+.0036	-38 0 21.6	+7.406-.288	10.0	4
2262	91	6.8	33 16.77*	-7.1823+.5276	-83 5 42.2*	+7.405+.970	10.4	10
2263	351	9.4	33 17.73	+0.8333+.0164	-60 59 10.7	+7.404-.116	10.0	4
2264	1604	7.5	33 20.24	+1.8166+.0048	-45 19 7.7	+7.401-.249	10.0	4
2265	1911	6.3	33 21.27	+2.3292+.0032	-30 53 54.2	+7.399-.319	10.0	4
2266	867	7.6	33 23.69	+2.5505+.0035	-22 47 45.5	+7.396-.349	10.0	4
2267	2052	8.0	33 28.33	+2.5393+.0034	-23 13 48.0	+7.390-.347	10.0	4
2268	671	8.1	33 31.05	+1.2932+.0096	-55 4 31.4	+7.386-.178	9.9	4
2269	1915	6.9*	33 35.15	+2.3374+.0032	-30 36 39.3	+7.380-.320	10.2	4
2270	1821	7.9	33 44.00	+2.1761+.0034	-35 48 2.8	+7.368-.298	10.2	4
2271	933	4.0	34 3.47	+2.7514+.0042	-14 28 46.0	+7.342-.376	10.2	8,23
2272	1938	8.3	34 16.71	+2.3075+.0032	-31 35 23.0	+7.324-.316	10.0	5
2273	1572	6.6	34 23.40	+1.9501+.0041	-42 3 14.8	+7.315-.268	9.9	8
2274	539	8.4	34 47.12	+1.4777+.0075	-52 1 11.9	+7.283-.204	9.8	4
2275	1990	7.3	35 13.67	+2.4680+.0033	-25 52 58.1	+7.247-.338	9.8	4
2276	1652	7.6	35 19.60	+2.4074+.0033	-28 5 20.6	+7.239-.330	10.3	6
2277	1644	7.8	35 24.83	+1.8346+.0047	-44 48 18.7	+7.232-.252	9.9	4
2278	542	8.6	35 32.06	+1.4634+.0076	-52 13 59.0	+7.222-.202	9.9	4
2279	331	9.0	35 32.38	+0.1226+.0309	-67 5 24.8	+7.221-.020	10.0	4
2280	372	Var	35 42.57	+0.7019+.0183	-62 15 15.9	+7.208-.098	10.0	4
2281	269	6.7	35 52.72	-1.1096+.0699	-73 23 30.6	+7.194+.148	10.0	4
2282	145	8.1	35 54.35	-3.2381+.1773	-78 49 5.8	+7.192+.438	10.0	4
2283	311	7.0	36 0.69	-0.9871+.0651	-72 54 57.7	+7.183+.131	10.0	4
2284	2488	5.6	36 22.15	+2.4994+.0034	-24 39 28.4	+7.154-.344	10.4	8
2285	988	4.5	36 30.20	+2.6219+.0037	-19 50 37.2	+7.143-.360	10.3	5
2286	410	6.6	36 33.47	+1.0441+.0126	-58 22 52.7	+7.138-.145	9.9	4
2287	1207	6.4	36 50.48	+1.4820+.0073	-51 50 55.5	+7.115-.205	9.9	4
2288	739	4.3	36 50.48	+3.5973+.0119	+22 47 6.0	+7.115-.493	10.1	28,46
2289	2091	8.6	36 56.62	+2.5363+.0034	-23 13 33.8	+7.107-.349	10.0	4
2290	1674	7.6	37 6.60	+2.3976+.0032	-28 22 5.8	+7.093-.330	10.5	6
2291	1583	7.4*	37 8.70	+2.0610+.0037	-38 58 51.4	+7.090-.284	10.0	4
2292	369	7.2	37 25.28	+0.9783+.0134	-59 9 22.7	+7.068-.136	10.0	4
2293	1587	4.5	37 39.67	+1.9447+.0041	-42 2 6.6	+7.048-.268	10.1	17
2294	297	8.8	37 40.54	-1.4541+.0820	-74 32 59.1	+7.047+.196	10.0	4
2295	1520	8.5	37 46.18	+2.0219+.0038	-40 1 4.2	+7.039-.279	10.0	4
2296	1521	7.8	37 46.36	+2.0216+.0038	-40 1 37.0	+7.039-.279	10.0	4
2297	376	7.2	37 48.89	+0.6631+.0186	-62 33 14.8	+7.035-.094	10.4	4
2298	1590	7.9*	38 0.36	+2.0312+.0038	-39 45 20.2	+7.020-.280	10.0	4
2299	1454	7.0	38 5.76	+1.6469+.0059	-48 42 41.8	+7.012-.228	10.2	4
2300	1501	7.6	38 8.63	+1.7775+.0050	-45 57 56.2	+7.008-.246	10.2	4

2262S.P. $16^s.64$, $42''.0$, 9.4, 5.

No.	Name	Mag.	R. A. 1910	Prec. and Sec. Var.	Decl. 1910	Prec. and Sec. Var.	Epoch.	No. Obs.
		M	h m s	s s	° ′ ″	″ ″		
2301	1641	8.7	4 38 23.11	+1.7810+.0049	-45 52 37.2	+6.989-.246	10.1	4
2302	284	8.1	38 28.63	-0.1887+.0379	-68 59 12.4	+6.981+.023	10.1	4
2303	2106	7.0	38 34.25	+2.5317+.0034	-23 20 54.1	+6.973-.349	10.2	4,5
2304	1865	8.4	38 39.98	+2.1158+.0035	-37 21 40.9	+6.966-.292	10.1	4
2305	370	6.4	38 49.15	+0.9765+.0133	-59 7 13.9	+6.953-.136	10.3	5
2306	1867	5.1	38 52.48	+2.1169+.0035	-37 19 11.1	+6.949-.292	10.2	16
2307	1869	6.9	38 59.08	+2.1006+.0036	-37 47 2.4	+6.940-.290	10.4	4
2308	707	7.7	39 0.18	+1.1994+.0103	-56 12 12.4	+6.938-.167	10.1	4
2309	1645	7.7	39 4.61	+1.7974+.0048	-45 28 41.8	+6.932-.249	9.9	4
2310	1472	6.6	39 11.85	+1.7070+.0054	-47 25 58.0	+6.922-.236	10.3	4
2311	555	8.3	39 11.96	+1.4207+.0078	-52 47 28.3	+6.922-.197	10.4	4
2312	365	8.4	39 17.13	+0.2762+.0261	-65 50 22.4	+6.915-.041	10.4	4
2313	1469	7.3	39 20.66	+1.6795+.0056	-47 59 42.9	+6.910-.233	10.2	4
2314	1997	7.4	39 29.06	+2.2922+.0032	-31 52 40.3	+6.898-.317	10.3	4
2315	1601	8.7*	39 35.65	+2.0553+.0037	-39 1 35.7	+6.889-.284	9.8	4
2316	1968	5.7	39 40.52	+2.3204+.0032	-30 55 56.7	+6.883-.321	9.9	4
2317	762	8.7	39 45.34	+3.0680+.0060	- 0 12 21.2	+6.876-.423	11.1	1
2318	685	8.4	40 4.21	+1.2808+.0092	-54 58 15.2	+6.850-.178	9.8	4
2319	713	8.1	40 22.55	+1.1892+.0103	-56 17 21.0	+6.825-.166	9.9	4
2320	1471	5.3	40 27.94	+1.5398+.0066	-50 39 0.9	+6.818-.214	9.9	8
2321	1546	7.7	40 36.38	+1.9439+.0041	-41 55 13.4	+6.806-.269	9.9	4
2322	2004	7.6	40 37.92	+2.2976+.0032	-31 39 5.8	+6.804-.318	10.0	4
2323	1869	7.0	40 37.99	+2.4113+.0032	-27 44 37.8	+6.804-.333	10.0	4
2324	1549	6.2	40 46.68	+1.9706+.0040	-41 13 54.5	+6.792-.273	10.0	4
2325	1712	7.4	40 52.90	+2.4006+.0032	-28 6 53.6	+6.784-.332	10.2	4
2326	876	4.2	41 0.04	+2.9974+.0054	- 3 25 8.7	+6.774-.415	10.3	12,29
2327	1478	7.5	41 7.53	+1.6520+.0057	-48 28 18.7	+6.764-.230	9.9	4
2328	1862	8.5	41 10.94	+2.1375+.0034	-36 37 10.4	+6.759-.296	10.4	4
2329	966	6.0	41 11.82	+2.5782+.0035	-21 26 52.6	+6.758-.357	10.5	4
2330	703	7.7	41 16.52	+1.2917+.0090	-54 45 19.0	+6.751-.180	10.2	4
2331	1474	8.4	41 16.68	+1.5700+.0064	-50 3 16.5	+6.751-.218	10.0	4
2332	1479	6.8	41 20.78	+1.6501+.0057	-48 30 0.2	+6.745-.229	9.9	4
2333	564	7.3	41 21.27	+1.4198+.0077	-52 42 45.5	+6.745-.198	9.9	4
2334	358	8.1	41 29.65	+0.5606+.0198	-63 23 1.6	+6.733-.080	10.1	4
2335	566	6.7*	41 34.38	+1.4360+.0075	-52 25 49.9	+6.727-.200	9.8	4
2336	1236	9.6	41 48.20	+1.5034+.0069	-51 15 0.3	+6.708-.209	9.9	4
2337	271	8.2	41 48.65	-0.1702+.0359	-68 46 30.9	+6.707+.021	9.9	4
2338	1556	8.5	41 56.12	+1.9416+.0041	-41 55 10.0	+6.697-.270	9.9	4
2339	1497	8.3	42 8.37	+1.6938+.0054	-47 34 28.8	+6.680-.236	9.9	4
2340	567	8.0	42 9.00	+1.4128+.0077	-52 47 38.0	+6.679-.197	9.9	4
2341	2044	7.4	42 21.25	+2.4761+.0033	-25 19 23.6	+6.662-.343	10.2	4
2342	181	5.9	42 25.97	-2.7710+.1373	-77 49 35.0	+6.656+.378	10.4	4
2343	1859	6.8	42 29.72	+2.2168+.0033	-34 10 5.9	+6.651-.308	10.2	10
2344	1615	7.6	42 43.09	+1.9080+.0042	-42 43 3.8	+6.632-.265	10.2	4
2345	1735	6.0	42 50.13	+2.3948+.0032	-28 14 59.5	+6.623-.332	10.1	14
2346	152	8.0	42 51.16	-3.8217+.1968	-79 37 53.6	+6.621+.523	10.2	4
2347	1624	6.0	42 52.91	+2.0320+.0037	-39 31 7.0	+6.619-.282	10.1	8
2348	376	5.4	42 59.69	+0.8962+.0139	-59 53 51.5	+6.609-.126	10.6	4
2349	1879	7.8	43 12.15	+2.1566+.0034	-35 58 7.0	+6.592-.300	10.1	4
2350	1728	7.5	43 12.81	+2.0767+.0036	-38 16 31.1	+6.591-.289	10.1	4

No.	Name	Mag.	R. A. 1910	Prec. and Sec. Var.	Decl. 1910	Prec. and Sec. Var.	Epoch.	No. Obs.
		M	h m s	s s	° ′ ″	″ ″		
2351	723	7.8	4 43 13.24	+1.1688+.0102	−56 27 23.6	+6.591−.164	10.6	4
2352	1492	7.7*	43 22.43	+1.5558+.0064	−50 13 41.0	+6.578−.217	10.2	4
2353	1894	7.8	43 22.80	+2.0997+.0035	−37 37 1.5	+6.578−.292	10.2	4
2354	1874	7.5	43 26.82	+2.3562+.0032	−29 34 6.6	+6.572−.327	10.2	4
2355	1439	Var	43 45.16	+1.5984+.0060	−49 24 28.6	+6.547−.223	10.2	4
2356	1624	7.6	43 45.60	+1.9250+.0041	−42 15 12.9	+6.546−.268	9.9	4
2357	1733	7.3	43 54.74	+2.0686+.0036	−38 28 8.9	+6.534−.288	10.0	4
2358	282	5.7	43 57.52*	−0.6171+.0472	−71 5 45.9*	+6.530+.082	10.3	18
2359	365	6.4*	44 7.92	+0.5496+.0194	−63 23 30.0	+6.515−.079	10.2	4
2360	2011	6.5	44 18.88	+2.3373+.0032	−30 10 53.7	+6.500−.325	10.2	10
2361	1553	8.1	44 53.59	+1.7272+.0051	−46 45 24.0	+6.452−.241	9.9	4
2362	1714	8.1	44 55.14	+1.8323+.0045	−44 25 34.4	+6.450−.256	10.1	4
2363	762	3.3	44 57.20	+3.2235+.0070	+ 6 48 17.3	+6.447−.448	10.2	10,25
2364	1505	10.1	45 8.59	+1.5631+.0062	−50 1 6.7	+6.432−.219	9.7	1
2365	729	8.2	45 9.09	+1.2002+.0097	−55 56 22.7	+6.431−.168	10.0	4
2366	369	8.0	45 11.88	+0.5090+.0198	−63 43 10.9	+6.427−.073	10.2	4
2367	272	8.1	45 14.03	−0.0899+.0324	−68 11 0.8	+6.424+.010	10.2	4
2368	341	7.8	45 38.26	+0.8093+.0148	−60 45 55.1	+6.391−.114	9.9	4
2369	320	7.4	45 40.23	+0.1952+.0259	−66 14 20.3	+6.388−.030	10.1	4
2370	380	6.8	45 41.68	+0.9394+.0129	−59 17 44.1	+6.386−.132	10.0	4
2371	1720	6.6	45 47.56*	+1.8432+.0045	−44 8 13.9	+6.378−.258	9.9	3,4
2372	1940	7.8*	45 52.89	+2.1772+.0034	−35 14 33.4	+6.370−.304	10.0	4
2373	1893	7.0	45 53.29	+2.2028+.0033	−34 28 1.3	+6.370−.307	10.4	6
2374	743	5.1	46 6.46	+3.5012+.0097	+18 41 14.4	+6.352−.487	10.0	4
2375	964	5.2	46 8.14	+2.7001+.0038	−16 22 23.2	+6.350−.376	10.5	6
2376	1512	7.6	46 10.73	+1.5645+.0062	−49 56 55.1	+6.346−.219	9.9	4
2377	367	7.4	46 15.37	+0.7245+.0160	−61 37 58.3	+6.340−.103	10.5	4
2378	1637	7.7	46 18.83	+1.9090+.0042	−42 32 25.2	+6.335−.267	10.2	4
2379	370	8.2	46 22.20	+0.5854+.0182	−62 59 9.5	+6.330−.084	9.9	4
2380	1526	7.5	46 23.99	+1.6988+.0052	−47 17 27.4	+6.328−.238	10.3	4
2381	745	3.8	46 24.69	+3.1936+.0067	+ 5 27 6.6	+6.327−.444	10.1	8,15
2382	1514	8.2	46 25.61	+1.5590+.0062	−50 2 27.3	+6.325−.218	10.3	4
2383	1639	7.8	46 28.72	+1.9076+.0042	−42 34 8.2	+6.321−.266	10.0	4
2384	698	7.5	46 30.04	+1.1216+.0105	−56 58 24.5	+6.319−.158	10.5	4
2385	1948	7.6*	46 36.57	+2.1758+.0034	−35 15 33.3	+6.310−.304	10.0	4
2386	1640	8.0	46 37.28	+1.9257+.0041	−42 6 59.8	+6.309−.269	10.4	4
2387	1642	7.9	46 48.06*	+1.9297+.0040	−42 0.30.5	+6.294−.270	10.1	3,4
2388	277	7.6	46 52.88	−0.1830+.0340	−68 42 16.4	+6.288+.023	10.3	4
2389	1930	7.5	46 53.91	+2.4188+.0032	−27 15 16.4	+6.286−.338	10.0	4
2390	294	7.4	47 16.51	−2.2030+.1022	−76 28 3.7	+6.255+.303	10.0	4
2391	372	7.2	47 20.10	+0.5105+.0193	−63 38 8.3	+6.250−.073	9.8	4
2392	1593	6.0	47 20.58	+1.9501+.0040	−41 28 32.1	+6.249−.273	9.9	4
2393	734	6.6	47 22.70	+1.1304+.0103	−56 49 17.4	+6.246−.159	10.2	4
2394	1762	7.1	47 23.17	+2.0546+.0036	−38 42 56.4	+6.246−.287	10.0	4
2395	2080	7.5	47 25.24	+2.4678+.0033	−25 27 45.2	+6.243−.344	10.2	4
2396	344	7.0	47 31.33	+0.8355+.0141	−60 24 48.7	+6.234−.118	10.0	4
2397	718	7.6	47 36.44	+1.3215+.0082	−54 2 28.3*	+6.227−.186	10.2	4
2398	719	7.8	47 52.45	+1.2839+.0086	−54 36 26.6	+6.205−.181	9.8	4
2399	1962	5.8	48 11.66	+2.1804+.0033	−35 3 24.6	+6.178−.305	10.3	6
2400	371	8.7	48 15.66	+0.4018+.0211	−64 32 32.3	+6.173−.058	9.9	4

2358S.P. $57^s.69$, $45''.4$, 9.8, 12,13, $(58^s.44)$. 2371 $(47^s.82)$.

2387 $(47^s.74)$. 2397 $27''.8$, $27''.6$, $30''.2$, $27''.6$.

No.	Name	Mag.	R. A. 1910	Prec. and Sec. Var.	Decl. 1910	Prec. and Sec. Var.	Epoch.	No. Obs.
		M	h m s	s s	° ′ ″	″ ″	.	
2401	278	9.2	4 48 17.38	−0.2262+.0344	−68 55 13.1	+6.170+.029	9.9	4
2402	1921	6.7*	48 35.39	+2.2019+.0033	−34 23 21.2	+6.145−.308	10.0	4
2403	589	8.4	48 36.03	+1.3979+.0074	−52 46 46.6	+6.144−.197	10.0	4
2404	1774	7.6	48 38.01	+2.0511+.0036	−38 45 40.7	+6.142−.287	10.0	4
2405	384	7.6	48 40.07	+0.9591+.0123	−58 57 13.6	+6.139−.136	10.0	4
2406	800 1	5.7	48 41.15	+3.1250+.0060	+ 2 21 35.2	+6.137−.436	10.0	1
2407	760 1	5.6	48 54.66	+1.3454+.0079	−53 36 52.4	+6.119−.189	9.9	4
2408	760 2	6.4	48 55.87	+1.3455+.0079	−53 36 45.3	+6.117−.189	9.9	4
2409	94	7.3	49 0.36	−8.3903+.5402	−83 39 50.4	+6.111+1.16	10.0	4
2410	2094	7.7	49 0.45	+2.4539+.0032	−25 55 19.9	+6.111−.343	10.2	4
2411	352	7.8	49 2.09	−0.0568+.0302	−67 51 58.1	+6.108+.005	10.3	4
2412	1281	6.6	49 16.33	+1.4501+.0070	−51 52 33.0	+6.089−.204	10.2	4
2413	1546	7.1	49 28.23	+1.7067+.0051	−47 0 4.4	+6.072−.240	9.8	4
2414	810	3.9	49 33.73	+3.1235+.0060	+ 2 17 37.9	+6.064−.437	10.1	12,16
2415	1781	7.0	50 10.63	+2.0660+.0036	−38 17 30.0	+6.013−.290	10.3	6
2416	727	8.9	50 39.12	+1.2859+.0084	−54 28 22.8	+5.974−.181	9.9	4
2417	702	7.4	50 40.51	+1.1922+.0093	−55 50 41.0	+5.972−.168	9.8	4
2418	1989	7.7	50 48.68	+2.1606+.0034	−35 33 14.9	+5.960−.303	9.9	4
2419	1790	6.8	50 58.30	+2.0643+.0036	−38 18 30.8	+5.947−.290	10.3	6
2420	855	2.9	51 7.84	+3.9023+.0140	+33 1 27.2	+5.934−.546	10.1	24
2421	375	9.2	51 19.84	+0.7025+.0154	−61 41 11.9	+5.917−.100	9.9	4
2422	321	7.8	51 21.67	−0.4319+.0380	−69 58 47.4	+5.914+.058	10.0	4
2423	603	8.1	51 29.59	+1.4096+.0072	−52 28 29.7	+5.903−.199	10.0	4
2424	280	6.8*	51 31.68	−0.1237+.0306	−68 13 7.7	+5.900+.015	10.2	4
2425	1689	7.7	51 32.85	+2.0296+.0036	−39 14 3.0	+5.899−.285	10.1	4
2426	2072	7.5*	51 39.12	+2.3222+.0032	−30 25 48.7	+5.890−.326	10.2	4
2427	2115	6.6	51 49.18	+2.4529+.0032	−25 52 17.1	+5.876−.344	10.6	6
2428	376	8.2	51 52.58	+0.7163+.0151	−61 31 44.9	+5.871−.102	10.1	4
2429	1691	6.0	51 53.93	+2.0089+.0037	−39 46 21.7	+5.869−.282	9.9	8
2430	713	7.8	51 59.93	+1.0683+.0106	−57 28 35.3	+5.861−.151	10.4	5
2431	1697	8.7	52 19.51	+2.0034+.0037	−39 54 5.7	+5.834−.282	10.0	1
2432	1699	8.2	52 24.72	+2.0034+.0037	−39 53 55.5	+5.826−.282	10.0	4
2433	379	8.2	52 24.82	+0.4783+.0187	−63 45 39.7	+5.826−.069	9.9	4
2434	605	8.3	52 27.67	+1.3959+.0072	−52 39 59.9	+5.822−.197	9.9	4
2435	770	8.5	52 46.77	+1.3712+.0074	−53 3 27.6	+5.796−.194	9.9	4
2436	1708	7.8	53 6 35	+2.0331+.0036	−39 4 52.6	+5.768−.286	9.8	4
2437	731	7.4	53 13.88	+1.2731+.0083	−54 34 21.3	+5.758−.180	9.9	4
2438	338	6.3*	53 22.10	+0.0826+.0256	−66 49 9.0	+5.746−.014	10.0	4
2439	437	6.1	53 24.37	+0.9674+.0115	−58 41 28.7	+5.743−.137	9.9	4
2440	132	8.0*	53 41.56	−4.1596+.1868	−79 57 24.0	+5.719+.579	9.9	4
2441	1695	8.0	54 6.21	+1.9136+.0040	−42 7 23.7	+5.685−.270	9.8	4
2442	1792	7.9	54 6.48	+1.8205+.0044	−44 19 56.9	+5.684−.257	9.9	4
2443	1565	8.7	54 19.87	+1.5456+.0060	−49 59 8.9	+5.666−.218	9.9	4
2444	2023	7.7*	54 30.29	+2.1737+.0033	−35 1 50.6	+5.651−.306	10.4	6
2445	384	8.3	54 31.40	+0.4319+.0190	−64 5 59.5	+5.649−.063	9.9	4
2446	753	7.5	54 34.68	+1.1302+.0096	−56 34 1.3	+5.645−.160	9.9	4
2447	332	6.2	54 35.45	−1.0087+.0514	−72 33 25.6	+5.644+.139	10.0	4
2448	736	9.3	54 46.49	+1.2576+.0083	−54 45 1.9	+5.628−.178	10.0	4
2449	1978	7.5	55 0.61	+2.3606+.0032	−29 1 27.2	+5.609−.333	10.0	4
2450	334	7.2	55 4.97	−1.1001+.0537	−72 54 23.0	+5.603+.152	10.3	6

No.	Name	Mag.	R. A. 1910	Prec. and Sec. Var.	Decl. 1910	Prec. and Sec. Var.	Epoch.	No. Obs.
		M	h m s	s s	° ′ ″	″ ″		
2451	755	8.1	4 55 10.10	+1.1316+.0095	−56 31 40.4	+5.595−.161	10.0	4
2452	1166	3.8	55 30.49	+4.2990+.0190	+43 41 27.4*	+5.567−.605	10.3	26,25
2453	1879	7.5	55 34.99	+2.3732+.0032	−28 34 37.0	+5.560−.335	10.0	4
2454	440	6.9	55 37.04	+1.0009+.0108	−58 12 33.9	+5.558−.142	9.9	4
2455	739	8.1	55 41.52	+1.2848+.0080	−54 18 37.6	+5.551−.182	9.8	4
2456	1575	7.4	55 42.67	+1.5029+.0062	−50 42 43.6	+5.550−.213	10.2	4
2457	2078	6.7	55 55.61	+2.2581+.0032	−32 22 29.0	+5.532−.319	10.0	4
2458	1142	3.9	56 11.08	+4.1873+.0171	+40 56 43.0	+5.510−.589	10.2	10
2459	1977	7.1*	56 11.37	+2.1040+.0034	−37 0 31.1	+5.510−.297	10.5	6
2460	441	7.6	56 27.40	+1.0073+.0107	−58 6 10.6	+5.487−.143	10.0	4
2461	442	6.9	56 32.84	+0.9876+.0109	−58 20 37.0	+5.479−.141	9.9	4
2462	746	7.9	56 36.82	+1.2831+.0079	−54 18 17.2	+5.474−.182	9.8	4
2463	394	7.4	56 39.06	+0.2960+.0207	−65 9 11.5	+5.471−.044	10.0	4
2464	1995	7.9	56 41.12	+2.1122+.0034	−36 45 26.5	+5.468−.298	10.2	4
2465	1998	7.9	56 43.50	+2.1954+.0032	−34 18 0.7	+5.464−.310	10.3	4
2466	1511[1]	7.3	57 8.65	+1.5614+.0057	−49 35 28.4	+5.429−.221	10.0	4
2467	1511[2]	8.9	57 9.60	+1.5613+.0057	−49 35 32.1	+5.428−.221	10.0	4
2468	1660	8.1	57 12.36	+1.9470+.0038	−41 10 50.8	+5.424−.276	10.0	4
2469	1736	8.0*	57 32.69	+1.9995+.0037	−39 49 4.0	+5.395−.283	10.2	4
2470	2058	7.9	57 34.70	+2.1668+.0033	−35 7 57.3	+5.392−.306	10.0	4
2471	751	4.7	57 42.89	+3.5786+.0092	+21 27 43.6	+5.381−.505	10.0	24,30
2472	290	5.3	57 46.08*	−1.7577+.0717	−75 4 32.1*	+5.377+.245	10.2	19
2473	394	8.8	57 49.85	+0.7271+.0139	−61 14 7.0	+5.371−.104	10.6	4
2474	301	7.5	57 50.53	−0.6797+.0404	−71 3 38.0	+5.370+.093	10.7	4
2475	160	8.2	57 52.12	−3.2798+.1316	−78 32 29.7	+5.368+.459	10.8	4
2476	159	8.7	57 52.38	−3.1372+.1252	−78 17 8.0	+5.368+.439	10.7	4
2477	1830	8.7	58 14.83	+1.7869+.0044	−44 56 34.7	+5.336−.253	10.1	1
2478	1743	8.0	58 24.22	+2.0273+.0036	−39 3 2.4	+5.323−.287	9.9	4
2479	450	8.9	58 29.32	+0.9591+.0110	−58 37 47.8	+5.316−.137	10.1	5
2480	1975	5.0	58 30.16	+2.4328+.0032	−26 24 7.9	+5.315−.344	10.1	12
2481	1744	6.0	58 34.71	+1.9970+.0037	−39 50 54.5	+5.308−.283	10.0	8
2482	1665	8.7	58 39.05	+1.7348+.0047	−46 3 59.5	+5.302−.246	10.6	4
2483	721	8.2	58 40.42	+1.0307+.0102	−57 44 20.7	+5.300−.147	10.5	4
2484	2161	7.2	58 41.73	+2.2834+.0032	−31 28 37.0	+5.298−.323	10.5	4
2485	1993	7.5	58 45.40	+2.0975+.0034	−37 6 22.7	+5.293−.297	10.4	4
2486	1772	7.8*	58 55.26	+1.7852+.0044	−44 57 27.8	+5.279−.253	10.5	4
2487	1960	5.8	58 57.01	+2.5273+.0032	−22 55 24.4*	+5.277−.358	10.5	4,3
2488	2163	6.0	58 58.44	+2.2699+.0032	−31 54 6.6	+5.275−.322	10.2	4
2489	1749	8.1	58 58.54	+2.0207+.0036	−39 12 24.9	+5.275−.286	9.9	4
2490	732	4.6	59 25.49	+3.4249+.0076	+15 16 45.6	+5.237−.484	10.0	4
2491	397	7.4	59 58.65	+0.3635+.0186	−64 31 19.7	+5.190−.053	9.8	4
2492	1681	8.0	5 0 4.16	+1.9209+.0040	−41 44 6.0	+5.182−.273	10.0	4
2493	452	8.5	0 8.72	+0.9534+.0108	−58 38 52.2	+5.176−.136	9.9	5
2494	2795	5.6	0 9.46	+2.4838+.0032	−24 30 45.6	+5.175−.352	10.4	4
2495	1058	3.3	0 12.06	+4.1994+.0163	+41 6 48.6	+5.171−.594	10.3	12
2496	1736	6.9	0 12.30	+1.8842+.0040	−42 37 25.8	+5.171−.268	9.9	4
2497	300	8.2	0 12.98	−0.2413+.0294	−68 42 43.7	+5.170+.032	10.0	4
2498	1841	8.5	0 17.04	+1.7837+.0044	−44 56 40.4	+5.164−.253	9.8	1
2499	1541	5.4	0 27.36	+1.5721+.0055	−49 16 42.2	+5.150−.224	10.0	4
2500	767	7.1	0 34.56	+1.1411+.0088	−56 13 31.6	+5.140−.163	10.0	4

2472S.P. $46^s.17$, $31''.5$, 9.6, 9. 2452 ($31''.6$). 2487 ($27''.5$).

No.	Name	Mag.	R. A. 1910	Prec. and Sec. Var.	Decl. 1910	Prec. and Sec. Var.	Epoch.	No. Obs.
		M	h m s	s s	° ′ ″	″ ″		
2501	1543	7.3	5 0 37.35	+1.5422+.0057	−49 49 51.6	+5.136−.219	10.0	4
2502	1547	7.2	0 55.58	+1.5532+.0056	−49 37 5.9	+5.110−.221	10.0	4
2503	320	9.0	1 1.07	−0.3802+.0318	−69 28 42.4	+5.102+.052	10.3	4
2504	995	Var.	1 1.23	+2.5496+.0032	−22 1 38.6	+5.102−.362	10.0	4
2505	1690	6.4*	1 1.42	+1.9140+.0039	−41 52 24.2	+5.102−.272	10.2	4
2506	2089	4.6	1 10.14	+2.1469+.0033	−35 36 20.9	+5.089−.305	10.2	11
2507	2090	6.3	1 13.26	+2.1392+.0033	−35 49 47.3	+5.085−.304	10.4	4
2508	1795	8.2	1 20.86	+1.7645+.0045	−45 19 58.0	+5.074−.251	10.1	4
2509	350	7.7	1 35.09	−0.6311+.0370	−70 45 7.4	+5.054+.087	10.2	4
2510	2005	5.9	1 36.92	+2.4341+.0031	−26 16 24.0	+5.052−.346	10.4	5
2511	1000	3.3	1 39.05	+2.5370+.0032	−22 29 29.2	+5.049−.360	10.1	18,24
2512	456	8.4	2 3.41	+0.9552+.0105	−58 34 13.2	+5.014−.137	9.9	4
2513	1556	7.7	2 4.03	+1.5448+.0056	−49 44 8.4	+5.013−.220	10.0	4
2514	773	8.0	2 6.31	+1.1229+.0089	−56 25 38.5	+5.010−.161	10.0	4
2515	779	5.0	2 7.77	+3.5061+.0080	+18 31 29.9	+5.008−.497	9.9	4
2516	321	8.4*	2 10.74	−0.4112+.0319	−69 37 17.0	+5.004+.056	10.0	4
2517	1562	4.9	2 38.06	+1.5458+.0054	−49 41 58.2	+4.965−.220	10.1	19
2518	736	8.5	2 54.37	+1.1793+.0083	−55 37 24.6	+4.942−.169	10.0	4
2519	768	6.1	3 7.40	+1.2544+.0076	−54 31 43.1	+4.924−.179	10.1	4
2520	2106	8.1*	3 8.18	+2.1605+.0032	−35 8 48.6	+4.923−.307	10.2	4
2521	163	8.7	3 12.66	−3.1919+.1166	−78 18 54.4	+4.916+.449	10.4	4
2522	1860	7.8	3 13.38	+1.7815+.0043	−44 53 55.8	+4.915−.254	9.9	4
2523	739	7.7	3 17.30	+1.1822+.0082	−55 34 16.5	+4.910−.169	10.0	4
2524	732	8.2	3 18.97	+1.0154+.0098	−57 47 38.9	+4.908−.152	10.4	4
2525	1162	2.9	3 25.46	+2.9545+.0044	− 5 12 8.1	+4.898−.420	10.1	41,45
2526	312	7.0	3 30.15	−1.5900+.0602	−74 27 57.8	+4.892+.223	10.4	4
2527	778	8.1	3 41.08	+1.0839+.0090	−56 54 5.5	+4.876−.155	10.0	4
2528	733	7.7	3 48.36	+1.0520+.0093	−57 18 52.9	+4.866−.151	10.2	4
2529	309	5.3	3 52.66*	−0.7884+.0392	−71 26 14.4*	+4.860+.110	10.2	10
2530	735	4.8	3 58.00	+1.0297+.0095	−57 35 43.1	+4.852−.148	10.3	18
2531	405	7.9	4 14.49	+0.3328+.0180	−64 39 58.9	+4.829−.049	10.4	4
2532	1078	8.8	4 16.69	+2.5593+.0032	−21 35 10.0	+4.826−.364	10.5	4
2533	2029	8.2	4 23.24	+2.4140+.0031	−26 54 46.8	+4.817−.344	10.2	4
2534	1873	7.1	4 45.72	+1.7775+.0043	−44 56 20.3	+4.785−.254	9.9	4
2535	1040	4.3	4 50.33	+2.8700+.0040	− 8 52 8.5	+4.778−.408	10.0	9,10
2536	2126	6.5*	5 2.46	+2.1351+.0033	−35 50 2.2	+4.761−.304	10.3	6
2537	165	6.2	5 3.22	−3.2652+.1157	−78 25 26.8	+4.760+.460	9.9	4
2538	311	7.8	5 21.30	−0.1750+.0259	−68 12 18.4	+4.734+.023	9.9	4
2539	377	7.9	5 30.16	+0.8234+.0114	−59 59 41.8	+4.722−.119	9.9	4
2540	1724	8.0	5 31.52	+1.9424+.0037	−41 1 39.7	+4.720−.277	10.0	4
2541	303	7.8	5 33.56	−2.4423+.0844	−76 44 48.8	+4.717+.344	10.0	4
2542	1727	6.6	5 36.67	+1.9299+.0037	−41 20 8.3	+4.713−.275	10.0	4
2543	2466	7.3	5 38.78	+2.5149+.0032	−23 13 56.2	+4.710−.358	10.2	4
2544	800	8.0	5 41.38	+1.3057+.0070	−53 40 28.7	+4.706−.187	10.0	4
2545	744	7.4	5 45.60	+1.2098+.0077	−55 6 21.1	+4.700−.173	10.0	4
2546	411	8.9	6 15.23	+0.6361+.0135	−61 55 14.4	+4.658−.092	10.0	4
2547	1794	7.7	6 16.69	+1.8967+.0038	−42 7 52.4	+4.656−.271	10.1	4
2548	428	7.8	6 18.22	+0.2210+.0190	−65 29 36.5	+4.654−.033	9.9	4
2549	166	7.9	6 24.42	−3.2082+.1107	−78 18 20.4	+4.645+.453	10.0	4
2550	1590	7.3	6 50.95	+1.5714+.0052	−49 5 31.9	+4.607−.225	10.0	4

2529S.P. $52^{s}.64$, $14.''9$, 9.8, 14.

No.	Name	Mag.	R. A. 1910	Prec. and Sec. Var.	Decl. 1910	Prec. and Sec. Var.	Epoch.	No. Obs.
		M	h m s	s s	° ′ ″	″ ″		
2551	420	5.2	5 6 51.68	+0.4624+.0155	−63 30 47.0	+4.606−.067	9.9	4
2552	748	8.3	6 53.37	+1.0618+.0089	−57 6 7.1	+4.604−.152	10.0	4
2553	1893	7.6	6 57.76	+1.7965+.0042	−44 26 59.9	+4.598−.257	10.0	4
2554	2045	6.5	7 5.06	+2.4374+.0031	−26 1 18.7	+4.587−.348	10.0	4
2555	1765	6.9	7 6.33	+1.9546+.0036	−40 40 17.6	+4.586−.279	9.9	4
2556	1063	4.8	7 16.04	+4.1030+.0133	+38 22 43.0	+4.572−.584	10.2	11
2557	2080	8.0	7 31.54	+2.1135+.0033	−36 23 6.8	+4.550−.302	9.9	4
2558	2154	7.2*	7 44.36	+2.1605+.0032	−35 0 49.7	+4.532−.309	10.3	6
2559	286	6.2	7 57.77	−1.2278+.0465	−73 9 14.6	+4.513+.173	10.0	4
2560	666	8.2	7 59.99	+1.3594+.0064	−52 45 43.0	+4.509−.195	10.1	4
2561	1908	8.6	8 1.49	+1.7845+.0042	−44 41 9.9	+4.507−.255	10.0	4
2562	2232	7.1*	8 1.90	+2.3105+.0031	−30 20 4.8	+4.507−.330	10.2	4
2563	1841	8.5	8 5.96	+1.7710+.0042	−44 59 5.0	+4.501−.253	10.4	8
2564	811	8.6	8 10.17	+1.3040+.0068	−53 37 55.1*	+4.495−.187	10.2	4
2565	1908	8.6	8 11.22	+1.7839+.0042	−44 41 43.0	+4.493−.255	10.0	1
2566	53	7.8	8 15.73	−33.809+4.374	−87 58 38.7	+4.487+4.80	10.0	4
2567	315	7.5	8 17.10	−0.7938+.0364	−71 22 54.7	+4.485+.111	10.2	4
2568	2071	6.6	8 29.22	+2.0727+.0033	−37 30 13.5	+4.468−.296	9.8	4
2569	426	7.7	8 59.42	+0.4131+.0156	−63 53 22.4	+4.425−.060	9.9	4
2570	106	5.8	9 5.36*	−6.9534+.2886	−82 35 31.3*	+4.416+.987	10.1	15
2571	1754	7.5	9 11.32	+1.9078+.0037	−41 46 39.4	+4.408−.273	9.9	4
2572	2137	7.1	9 15.65	+2.4000+.0030	−27 17 1.8	+4.402−.343	10.1	4
2573	2138	7.5	9 19.67	+2.4006+.0030	−27 15 54.4	+4.396−.343	10.1	4
2574	1610	7.9	9 42.41	+1.5632+.0051	−49 10 2.1	+4.364−.224	10.1	4
2575	1077	0.2	10 2.33	+4.4193+.0165	+45 54 26.6	+4.335−.631	10.2	15
2576	336	8.7*	10 7.22	−0.4788+.0291	−69 49 29.2	+4.328+.066	10.1	4
2577	2213[1]	8.0	10 9.57	+2.2568+.0031	−32 0 31.7	+4.325−.323	9.9	4
2578	2213[2]	9.1	10 9.83	+2.2568+.0031	−32 0 38.2	+4.325−.323	9.9	4
2579	1063	0.3	10 12.73	+2.8820+.0039	− 8 18 18.3	+4.321−.412	10.1	38,36
2580	1402	7.4	10 13.52	+1.4226+.0059	−51 39 26.4	+4.320−.204	10.5	4
2581	2214	7.2*	10 14.55	+2.2516+.0031	−32 10 19.4	+4.318−.322	10.0	4
2582	2176	7.2	10 34.72	+2.1266+.0032	−35 55 41.8	+4.289−.304	9.9	4
2583	192	7.5	10 49.17	−2.9004+.0911	−77 40 6.3	+4.269+.412	9.9	4
2584	2085	7.1	10 51.69	+2.4269+.0030	−26 18 36.0	+4.265−.347	10.2	4
2585	2152	7.3	11 0.78	+2.4052+.0030	−27 3 55.0	+4.252−.344	10.4	5
2586	1694	8.1	11 2.82	+1.6230+.0048	−47 58 47.3*	+4.249−.233	10.1	3
2587	2127	5.8	11 17.75	+2.1206+.0032	−36 4 47.4	+4.228−.304	9.9	4
2588	2057	7.1	11 37.88	+2.3649+.0030	−28 26 13.0	+4.199−.339	10.2	4
2589	352	9.2	11 40.33	−0.9935+.0383	−72 10 58.9	+4.196+.140	10.1	4
2590	441	7.1	11 40.94	+0.2337+.0172	−65 16 54.1	+4.195−.035	9.9	4
2591	352	8.8	11 41.37	−0.9936+.0382	−72 10 58.5	+4.194+.140	10.1	4
2592	766	7.4	11 42.81	+1.1589+.0076	−55 40 10.0	+4.192−.167	9.9	4
2593	817	7.4	11 43.33	+1.3333+.0064	−53 4 41.7	+4.192−.192	9.9	4
2594	2161	5.0	11 47.72	+2.4053+.0030	−27 2 37.1	+4.185−.345	10.4	8
2595	677	5.9	11 47.86	+1.3917+.0060	−52 7 58.0	+4.185−.200	10.3	4
2596	2143	7.3	11 51.51	+2.3222+.0030	−29 51 36.6	+4.180−.333	10.6	4
2597	2566	6.9	11 57.25	+2.5178+.0030	−22 59 41.5	+4.172−.361	10.3	4
2598	2135	6.6	11 59.97	+2.0962+.0032	−36 45 13.6	+4.168−.301	10.5	4
2599	446	7.1	12 2.80	+0.8364+.0103	−59 41 20.4	+4.164−.121	10.0	4
2600	340	7.6	12 7.89	−0.4523+.0276	−69 39 0.0	+4.156+.063	10.4	4

2570 S.P. $5^s.35$, $31''.4$, 9.7, 11, 13.

2564 $54''.3$, $54''.8$, $56''.7$, $54''.6$

2586 Mean; S.F. $2^s.92$, $47''.3$, 10.1, 1.

No.	Name	Mag.	R. A. 1910	Prec. and Sec. Var.	Decl. 1910	Prec. and Sec. Var.	Epoch.	No. Obs.
		M	h m s	s s	° ′ ″	″ ″		
2601	2199	6.7	5 12 33.06	+2.1558+.0031	−35 1 37.1	+4.121−.309	10.1	4
2602	1248	4.8	12 48.50	+4.1710+.0128	+40 1 11.6	+4.098−.597	10.3	6
2603	2347	7.7	12 54.74	+2.4504+.0030	−25 25 50.8	+4.090−.351	10.0	4
2604	2242	7.1	13 2.64	+2.2354+.0030	−32 36 41.5	+4.078−.321	10.3	4
2605	443	8.4	13 4.65	+0.2227+.0170	−65 20 16.7	+4.076−.033	10.3	4
2606	2217	7.0*	13 5.65	+2.2020+.0031	−33 38 9.0	+4.074−.316	10.2	4
2607	1028	3.7	13 14.14	+2.9132+.0038	− 6 56 28.1	+4.062−.418	10.1	8,14
2608	680	7.0	13 14.39	+1.3506+.0061	−52 45 53.1	+4.062−.194	10.2	4
2609	820	8.4	13 15.08	+1.3236+.0063	−53 11 33.6	+4.061−.191	10.4	4
2610	1790	7.4	13 16.98	+1.9208+.0036	−41 20 52.1	+4.058−.276	10.7	4
2611	1791	8.0	13 18.47	+1.9279+.0036	−41 10 21.0	+4.056−.277	10.5	4
2612	1643	7.9	13 23.50	+1.5377+.0051	−49 32 32.7	+4.049−.221	10.5	4
2613	1717	8.2	13 33.11	+1.5779+.0049	−48 47 10.8	+4.035−.227	10.2	4
2614	683	6.5*	13 34.28	+1.3799+.0059	−52 16 52.6	+4.033−.199	10.3	4
2615	2328	7.5*	13 35.40	+2.2741+.0030	−31 22 40.1*	+4.032−.326	10.7	4
2616	401	4.8	13 49.42*	−0.0556+.0205	−67 17 11.6*	+4.012+.006	10.1	17,15
2617	335	8.6	13 52.87	−0.1883+.0225	−68 7 16.7	+4.007+.025	9.9	4
2618	1760	7.0	14 3.25	+1.7158+.0043	−46 0 40.3	+3.992−.247	9.9	4
2619	2214	4.9	14 14.29	+2.1559+.0031	−34 58 58.3	+3.976−.310	10.2	16
2620	1884	7.2*	14 15.20	+1.9972+.0034	−39 23 5.1	+3.975−.287	10.2	4
2621	1721	8.1	14 25.72	+1.5794+.0048	−48 44 12.3	+3.960−.227	10.2	4
2622	1654	7.8	14 29.33	+1.5279+.0051	−49 41 46.1	+3.955−.220	9.9	4
2623	196	7.6	14 31.68	−2.7508+.0798	−77 19 13.0	+3.951+.392	10.2	4
2624	1776	7.5	15 1.31	+1.8199+.0039	−43 42 3.8	+3.909−.262	9.9	4
2625	1127	4.3	15 25.70	+2.7633+.0034	−13 16 9.0	+3.874−.397	10.6	10,8
2626	1805	7.7	15 32.88	+1.9271+.0035	−41 8 14.4	+3.864−.277	9.9	4
2627	2204	5.8	15 48.44	+2.3909+.0029	−27 27 39.3	+3.842−.344	10.3	9
2628	809	7.0	15 52.78	+1.2290+.0067	−54 34 0.6	+3.835−.178	9.9	4
2629	2251	Var	15 59.56	+2.1943+.0030	−33 48 2.0	+3.826−.316	10.0	4
2630	1662	8.8	16 4.54	+1.5229+.0050	−49 44 54.0	+3.818−.220	9.9	4
2631	2148	7.1	16 7.06	+2.4320+.0029	−26 1 14.8	+3.815−.350	9.9	4
2632	1135	4.7	16 36 35	+2.5600+.0030	−21 19 47.3	+3.773−.368	10.3	4
2633	1452	7.6	16 47.65	+1.4120+.0055	−51 40 17.2	+3.757−.204	9.9	4
2634	2198	6.3*	17 6.12	+2.1603+.0031	−34 47 19.4	+3.730−.311	10.0	5
2635	1723	5.5	17 9.59	+1.4681+.0052	−50 42 8.7	+3.725−.212	10.2	17
2636	2192	7.1	17 14.16	+2.3357+.0029	−29 17 44.0	+3.719−.336	10.0	4
2637	145	7.7	17 28.23	−4.7848+.1432	−80 30 36.0	+3.699+.684	9.9	4
2638	1787	7.0	17 31.08	+1.6571+.0043	−47 8 18.4	+3.695−.239	9.9	4
2639	294	6.6	17 31.15	−1.4145+.0422	−73 40 59.7	+3.694+.201	10.0	4
2640	1919	7.3	17 39.74	+1.9763+.0034	−39 50 38.9	+3.682−.285	10.0	4
2641	704	8.2	17 39.94	+1.3833+.0056	−52 7 42.2	+3.682−.200	10.0	4
2642	2338	7.4	17 43.15	+2.3091+.0029	−30 9 37.2	+3.677−.332	10.3	4
2643	1801	7.3	17 52.81	+1.8203+.0038	−43 37 25.2	+3.663−.262	9.9	5
2644	448	7.1	17 59.92	+0.4852+.0126	−63 4 30.7	+3.653−.071	10.3	4
2645	2207	6.1	18 1.32	+2.1717+.0030	−34 25 58.9	+3.651−.313	10.2	4
2646	347[1]	7.9	18 1.57	−0.2952+.0222	−68 41 5.9	+3.651+.041	10.3	4
2647	3023[2]	5.5	18 4.50	+2.4636+.0029	−24 51 35.6	+3.647−.355	10.0	4
2648	3023[2]	6.7	18 4.78	+2.4636+.0029	−24 51 36.8	+3.646−.355	10.2	4
2649	1805	8.6	18 13.32	+1.8220+.0038	−43 34 34.5	+3.634−.263	10.0	4
2650	146	7.9	18 24.05	−4.6075+.1333	−80 17 16.1	+3.619+.659	9.9	4

2616S.P., 49ˢ.44, 13″.1, 9.8, 13. 2615 39″.8, 39″.5, 41″.4, 39″.7.

No.	Name	Mag.	R. A. 1910	Prec. and Sec. Var.	Decl. 1910	Prec. and Sec. Var.	Epoch.	No. Obs.
		M	h m s	s s	° ′ ″	″ ″		
2651	350	8.6	5 18 27.13	−0.2743+.0217	−68 33 24.8	+3.614+.038	9.9	4
2652	1922	7.4	18 29.30	+1.9856+.0033	−39 35 10.0	+3.611−.286	10.0	4
2653	1685	8.4	18 37.69	+1.5136+.0049	−49 51 29.8	+3.599−.219	9.9	4
2654	330	7.8	18 44.34	−0.8850+.0312	−71 37 19.8	+3.590+.126	10.0	4
2655	1998	8.0	18 49.51	+1.7822+.0038	−44 27 37.5	+3.582−.257	10.0	4
2656	2001	7.9	18 56.26	+2.0237+.0032	−38 34 31.6	+3.572−.292	10.0	4
2657	791	8.2	19 5.84	+1.1336+.0070	−55 51 4.6	+3.559−.164	10.2	4
2658	1466	6.7	19 15.85	+1.4092+.0054	−51 39 45.0	+3.544−.204	9.9	4
2659	413	7.2	19 23.83	+0.7122+.0102	−60 52 4.0	+3.533−.104	10.7	4
2660	355	9.6	19 27.56	−0.3240+.0220	−68 49 38.4	+3.528+.045	10.2	4
2661	356	9.5	19 34.81	−0.3285+.0220	−68 51 4.9	+3.517+.046	10.2	4
2662	2185	6.4	19 34.92	+2.4082+.0029	−26 47 24.4	+3.517−.347	10.1	4
2663	836	8.5	19 34.99	+1.0768+.0073	−56 36 19.0	+3.517−.156	10.4	4
2664	357	10.0	19 36.72	−0.2968+.0215	−68 40 11.1	+3.514+.041	10.4	4
2665	837	8.3	19 38.20	+1.0972+.0072	−56 19 56.5	+3.512−.159	10.2	4
2666	846	7.6	19 38.95	+1.3008+.0059	−53 24 1.7	+3.511−.188	10.6	4
2667	493	8.6	19 48.30	+0.9508+.0082	−58 11 33.7	+3.498−.138	10.2	4
2668	2414	7.6*	19 49.80	+2.2556+.0029	−31 49 50.5	+3.496−.325	10.5	6
2669	399	7.6	19 51.42	+0.0964+.0164	−66 8 46.4	+3.493−.015	10.4	4
2670	1748	8.7	19 52.81	+1.4934+.0049	−50 11 40.0	+3.491−.216	10.0	4
2671	1235	3.4	19 57.10	+3.0155+.0039	− 2 28 45.8	+3.485−.435	10.3	4
2672	820	7.2	20 3.63	+1.2369+.0063	−54 21 30.7	+3.476−.179	10.4	4
2673	1912	8.7	20 5.58	+1.8703+.0036	−42 24 32.8	+3.473−.270	10.2	4
2674	919	1.7	20 18.19	+3.2171+.0046	+ 6 16 7.7	+3.455−.464	10.3	22,28
2675	1940	5.8	20 25.76	+1.9771+.0033	−39 45 41.5	+3.444−.285	10.0	8
2676	439	8.0	20 26.56	+0.3538+.0134	−64 9 40.4	+3.443−.052	10.4	4
2677	441	8.1	20 32.36	+0.3218+.0137	−64 25 19.9	+3.434−.048	10.7	4
2678	2176	6.8	20 32.84	+2.0652+.0031	−37 25 9.8	+3.434−.298	10.2	4
2679	795	1.8	20 36.11	+3.7884+.0078	+28 31 55.7	+3.429−.546	10.0	19,28
2680	840	6.2	20 42.63	+1.1041+.0070	−56 13 7.3	+3.420−.160	10.0	4
2681	2231	7.5	20 52.79	+2.1674+.0030	−34 29 53.7	+3.405−.313	10.3	4
2682	323	7.8	20 53.25	−1.7703+.0462	−74 47 11.4	+3.404+.253	10.5	4
2683	1472	7.7	20 56.10	+1.4228+.0052	−51 23 57.1	+3.400−.206	10.0	4
2684	105	6.8	21 5.17	−9.3824+.3483	−83 57 47.1	+3.387+1.35	10.4	6
2685	134	6.5	21 7.91	−5.8878+.1735	−81 38 13.3	+3.383+.845	9.9	4
2686	1701	7.9	21 8.58	+1.5326+.0047	−49 27 25.4	+3.382−.222	9.9	4
2687	842	7.4	21 18.74	+1.0517+.0073	−56 53 58.4	+3.368−.152	9.9	4
2688	1830	7.6	21 32.58	+1.8138+.0037	−43 41 22.7	+3.348−.262	9.9	4
2689	463	8.3	21 35.69	+0.8160+.0090	−59 43 1.4	+3.344−.119	10.0	4
2690	2230	8.0	22 8.38	+2.0944+.0030	−36 34 28.4	+3.296−.302	10.3	7
2691	859	7.7	22 13.30	+1.2904+.0058	−53 30 31.3	+3.289−.187	9.9	3
2692	2036	5.9	22 14.75	+1.7858+.0037	−44 18 18.7	+3.287−.258	10.0	8
2693	502	8.5	22 34.86	+0.9479+.0078	−58 10 29.1	+3.258−.138	9.9	4
2694	2336	6.9	22 39.24	+2.2393+.0029	−32 17 13.2	+3.252−.323	10.0	4
2695	717	7.2	22 39.74	+1.3607+.0054	−52 23 29.2	+3.251−.197	9.9	4
2696	718	6.3	22 43.71	+1.3604+.0054	−52 23 40.1	+3.246−.197	9.9	4
2697	719	8.7	22 47.31	+1.3413+.0055	−52 42 0.2	+3.240−.194	10.0	4
2698	2337	7.7*	22 52.22	+2.2297+.0029	−32 34 47.3	+3.233−.322	10.2	4
2699	1836	8.4	22 54.40	+1.6496+.0041	−47 10 21.0	+3.230−.239	10.0	4
2700	468	8.0	22 58.73	+0.5213+.0111	−62 39 37.4	+3.224−.076	10.0	4

No.	Name	Mag.	R. A. 1910	Prec. and Sec. Var.	Decl. 1910	Prec. and Sec. Var.	Epoch.	No. Obs.
		M	h m s	s s	° ′ ″	″ ″		
2701	722	7.8	5 23 13.14	+1.3373+.0055	−52 45 18.3	+3.203−.194	9.9	4
2702	832	7.2	23 20.12	+1.2299+.0060	−54 23 48.6	+3.193−.178	10.0	4
2703	506	8.6	23 26.16	+0.9406+.0078	−58 14 47.8	+3.185−.136	9.9	4
2704	2244	7.2	23 36.63	+2.0903+.0030	−36 39 40.4	+3.170−.302	10.3	6
2705	1846	8.7	23 38.61	+1.8223+.0036	−43 27 11.4	+3.167−.264	9.9	2
2706	1847	8.2	23 39.71	+1.8223+.0036	−43 27 8.1	+3.165−.264	10.2	4
2707	335	7.4	23 44.70	−0.8921+.0279	−71 35 18.8	+3.158+.127	10.2	4
2708	863	8.1	23 46.01	+1.2851+.0057	−53 33 34.0	+3.156−.186	10.0	4
2709	2225	7.1	23 47.72	+2.4099+.0028	−26 39 32.9	+3.154−.348	10.4	4
2710	864	8.2	23 55.19	+1.2783+.0057	−53 39 37.8	+3.143−.185	10.0	4
2711	2260	6.9	24 0.38	+2.1589+.0030	−34 41 20.7	+3.135−.312	10.2	4
2712	2452	7.4	24 5.21	+2.4369+.0028	−25 42 40.5	+3.128−.352	10.7	4
2713	1985	8.4	24 5.46	+1.7466+.0038	−45 7 35.5	+3.128−.253	10.2	4
2714	1884	5.8	24 11.96	+1.9241+.0033	−41 1 15.3	+3.119−.278	10.0	3
2715	849	7.9	24 18.02	+1.0644+.0069	−56 40 41.0	+3.110−.154	10.2	4
2716	372	7.6	24 22.34	−1.0945+.0306	−72 25 10.3	+3.104+.156	10.5	4
2717	1096	3.0	24 23.31	+2.5702+.0029	−20 49 50.5	+3.102−.372	10.3	29
2718	2066	6.9	24 28.19	+1.7550+.0037	−44 56 14.3	+3.095−.254	10.1	4
2719	2359	6.9	24 29.63	+2.2316+.0029	−32 29 26.5	+3.093−.323	10.0	8
2720	318	8.0	24 31.49	−2.2226+.0512	−75 59 52.4	+3.090+.319	10.2	4
2721	1122	6.7	24 34.49	+2.5253+.0028	−22 30 38.7	+3.086−.365	10.4	4
2722	509	7.5	24 42.38	+0.9059+.0078	−58 38 13.2	+3.075−.132	10 2	4
2723	1860	7.9	24 42.74	+1.6970+.0039	−46 10 2.7	+3.074−.246	10.0	4
2724	1984	6.8	24 45.47	+1.9918+.0032	−39 17 43.4	+3.070−.288	10.2	4
2725	296	6.9	24 46.09	−1.4972+.0370	−73 52 51.3	+3.070+.214	10.5	6
2726	472	5.1	25 0.33	+0.8753+.0080	−58 59 17.6	+3.049−.126	10.0	4
2727	2220	5.5	25 9.19	+2.0660+.0030	−37 18 18.5	+3.036−.299	10.1	10
2728	309	8.8	25 9.50	−1.8881+.0437	−75 5 18.9	+3.036+.271	10.2	4
2729	2421	6.7*	25 39.33	+2.3038+.0028	−30 11 16.9	+2.993−.333	9.9	4
2730	1129	7.7	25 53.05	+2.5173+.0028	−22 47 20.6	+2.973−.364	9.9	4
2731	1999	9.1	26 3.44	+1.7098+.0038	−45 52 25.0	+2.958−.248	9.9	4
2732	446	7.5	26 12.67	+0.3137+.0122	−64 23 53.4	+2.945−.046	9.9	4
2733	876	8.2	26 28.37	+1.2557+.0056	−53 57 22.5	+2.922−.182	9.9	4
2734	424	7.0	26 34.51	+0.7369+.0087	−60 29 7.0	+2.913−.108	9.9	4
2735	1024	4.9	26 52.10	+3.9029+.0075	+32 7 34.0	+2.888−.564	10.2	12
2736	328	8.0*	26 53.44	−1.7644+.0395	−74 42 29.7	+2.886+.253	10.0	4
2737	425	7.9	26 56.96	+0.7110+.0088	−60 44 57.2	+2.881−.104	10.0	4
2738	1882	8.0	27 3.49	+1.8141+.0035	−43 34 32.2	+2.871−.263	9.9	2
2739	981	8.4	27 6.49	+3.0736+.0037	+ 0 2 35.4	+2.867−.445	11.1	1
2740	1880	6.5	27 21.57	+1.6467+.0040	−47 8 40.5	+2.845−.239	10.1	4
2741	1885	7.7	27 24.18*	+1.8106+.0035	−43 38 53.5	+2.842−.262	10.2	4
2742	983	2.5	27 24.48	+3.0641+.0037	− 0 21 54.7	+2.841−.443	10.1	40,59
2743	375	6.2	27 28.17	−0.3196+.0182	−68 41 37.4	+2.836+.045	10.4	4
2744	1884	5.5	27 41.02	+1.6466+.0040	−47 8 31.5	+2.817−.239	10.1	4
2745	879	8.0	27 48.00	+1.2951+.0053	−53 20 0.3	+2.807−.188	9.9	4
2746	2348	3.9	28 1.02	+2.1273+.0029	−35 32 9.4	+2.788−.308	10.2	18
2747	1810	7.9	28 16.31	+1.4857+.0045	−50 10 1.0	+2.766−.216	10.0	4
2748	478	8.6	28 20.73	+0.5842+.0095	−61 59 22.0	+2.760−.086	10.0	4
2749	1975[1]	7.2	28 22.22	+1.8652+.0033	−42 22 1.8	+2.758−.270	10.0	4
2750	1975[2]	8.8	28 22.37	+1.8651+.0033	−42 22 9.8	+2.758−.270	10.0	4

2741 $24^s.26$, $24^s.25$, $24^s.18$, $24^s.02$

No.	Name	Mag.	R. A. 1910	Prec. and Sec. Var.	Decl. 1910	Prec. and Sec. Var.	Epoch.	No. Obs.
		M	h m s	s s	° ′ ″	″ ″		
2751	479	6.4*	5 28 28.11	+0.5424+.0098	-62 22 53.7	+2.749-.080	10.0	4
2752	471	7.7	28 28.74	+0.5942+.0094	-61 53 28.6	+2.748-.087	10.1	4
2753	475	6.8	28 28.86	+0.1650+.0129	-65 31 13.7	+2.748-.025	10.3	4
2754	1166	2.7	28 45.62	+2.6452+.0028	-17 53 10.3	+2.724-.383	10.2	17,24
2755	302	7.5	28 48.40	-1.4664+.0327	-73 44 15.1	+2.720+.211	10.4	4
2756	1892	5.8	29 2.57	+1.7017+.0037	-45 59 27.6	+2.700-.247	9.9	4
2757	418	8.2	29 6.96	-0.0105+.0143	-66 45 16.9	+2.693+.000	10.4	4
2758	830	6.9	29 13.58	+1.0155+.0066	-57 13 30.6	+2.684-.148	9.9	4
2759	421	8.4	29 22.30	+0.0255+.0139	-66 30 21.9	+2.671-.005	9.8	4
2760	452	6.3	29 43.29	+0.3570+.0109	-63 59 40.6	+2.641-.053	10.0	4
2761	2085	5.4	29 49.49	+2.0158+.0030	-38 34 31.5	+2.632-.292	9.9	4
2762	877	4.5	29 52.76	+3.2926+.0042	+ 9 25 45.3	+2.627-.477	10.2	5
2763	2367	5.8	29 54.13	+2.1379+.0029	-35 12 3.3	+2.625-.310	10.4	6
2764	1903	7.2	29 54.24	+1.6247+.0039	-47 32 21.3	+2.625-.236	10.1	4
2765	2315	6.9*	30 1.06	+2.1664+.0028	-34 21 57.3	+2.615-.314	10.0	4
2766	142	7.2	30 11.24	-5.4021+.1190	-81 6 47.0	+2.600+.780	9.9	4
2767	2483	8.0*	30 22.65	+2.3073+.0027	-30 0 6.6	+2.584-.335	10.0	4
2768	2348	6.5*	30 23.98	+2.3101+.0027	-29 54 36.5	+2.582-.335	9.9	4
2769	479	7.5	30 40.02	+0.6207+.0088	-61 36 15.5	+2.559-.091	9.9	4
2770	1241	2.9	31 1.81	+2.9339+.0032	- 5 58 6.3	+2.527-.425	10.1	8,11
2771	1783	7.0	31 9.36	+1.5237+.0042	-49 26 7.1	+2.516-.221	9.9	4
2772	382	7.9	31 23.93	-1.2319+.0270	-72 52 41.9	+2.495+.177	10.0	4
2773	2563	7.3	31 32.75	+2.2518+.0027	-31 45 10.8	+2.482-.327	10.0	4
2774	969	1.8	31 38.77	+3.0434+.0034	- 1 15 32.0	+2.474-.441	10.0	20,25
2775	874	8.1	31 51.76	+1.0585+.0060	-56 37 58.2	+2.455-.154	10.1	4
2776	2414	5.7	31 56.56	+2.2065+.0028	-33 8 24.8	+2.448-.320	10.3	4
2777	864	6.4	31 57.23	+1.1809+.0054	-54 57 42.7	+2.447-.172	10.2	4
2778	837	6.8	32 2.40	+1.0187+.0062	-57 8 37.0	+2.440-.148	10.5	4
2779	2419	6.7*	32 8.94	+2.2002+.0028	-33 19 44.2	+2.430-.319	10.3	4
2780	460	7.3	32 15.55	+0.4098+.0099	-63 30 58.6	+2.421-.060	10.3	4
2781	908	3.0	32 15.94	+3.5841+.0051	+21 5 18.2	+2.420-.520	10.4	17,18
2782	1790	7.2	32 21.21	+1.5461+.0040	-49 0 17.4	+2.412-.225	10.0	4
2783	744	7.2	32 24.47	+1.3317+.0048	-52 41 16.1	+2.408-.194	10.4	4
2784	456	5.3	32 30.11*	+0.3173+.0105	-64 17 12.7*	+2.399-.047	10.0	8
2785	2513	7.5	32 30.18	+2.2881+.0027	-30 35 32.4	+2.399-.332	10.2	4
2786	2298	6.2	32 39.06	+2.3441+.0027	-28 45 49.8	+2.387-.340	10.4	8
2787	487	3.8	32 50.64	+0.5180+.0090	-62 32 54.7	+2.370-.076	10.4	13
2788	2350	7.7	33 21.63	+2.1508+.0028	-34 46 36.7	+2.325-.312	9.9	4
2789	2394	6.8*	33 23.64	+2.1390+.0028	-35 7 2.7	+2.322-.311	9.9	4
2790	1940	6.0	33 36.04	+1.6304+.0037	-47 22 6.5	+2.304-.237	10.0	4
2791	2389	6.0	33 43.14	+2.3689+.0027	-27 55 24.1	+2.294-.344	10.5	5
2792	2137	7.9	33 43.61	+1.7863+.0034	-44 5 32.2	+2.293-.260	10.0	4
2793	526	6.5	33 44.37	+0.8693+.0067	-58 55 39.3	+2.292-.127	10.0	4
2794	488	6.4	33 58.45	+0.6542+.0079	-61 13 52.3	+2.272-.096	10.2	4
2795	444	8.3	34 4.43	+0.6822+.0077	-60 56 51.3	+2.263-.100	10.1	4
2796	2343	7.5	34 5.26	+2.4026+.0026	-26 46 17.2	+2.262-.349	10.0	4
2797	2605	7.3	34 6.88	+2.2710+.0027	-31 6 52.4	+2.259-.330	10.5	4
2798	2317	7.2	34 8.13	+2.3462+.0026	-28 40 44.0	+2.258-.341	10.2	4
2799	386	8.5	34 9.79	-1.2416+.0249	-72 53 28.9	+2.255+.179	10.3	4
2800	1326	3.8	34 13.64	+3.0110+.0032	- 2 39 5.4	+2.250-.437	10.0	8,10

2784 S.P. $30^{s}.14$, $15^{n}.2$, 9.7, 7.

No.	Name	Mag.	R. A. 1910	Prec. and Sec. Var.	Decl. 1910	Prec. and Sec. Var.	Epoch.	No. Obs.
		M	h m s	s s	° ′ ″	″ ″		
2801	2321	5.3	5 34 13.81	+2.3442+.0026	-28 44 35.2	+2.249-.340	10.4	4
2802	2124	7.0	34 18.73	+2.0321+.0029	-38 4 33.8	+2.242-.295	9.9	4
2803	2395	6.8	34 31.91	+2.3881+.0026	-27 15 44.7	+2.223-.347	10.2	4
2804	2358	6.6*	34 34.33	+2.1514+.0028	-34 44 29.3	+2.220-.313	10.0	4
2805	851	7.5	34 52.70	+0.9864+.0060	-57 30 45.0	+2.193-.144	9.9	4
2806	1979	7.8	34 55.85	+1.9089+.0031	-41 12 56.9	+2.188-.277	10.2	4
2807	1951	7.5	35 0.43	+1.6352+.0036	-47 15 10.7	+2.182-.238	10.2	4
2808	2329	8.1	35 2.66	+2.3395+.0026	-28 53 17.6	+2.178-.340	10.0	4
2809	1954	7.7	35 15.88	+1.8326+.0032	-43 1 16.8	+2.159-.266	9.9	4
2810	886	8.4	35 17.00	+1.0848+.0055	-56 14 25.9	+2.158-.158	10.0	4
2811	333[1]	5.1	35 26.62*	-2.4222+.0396	-76 24 20.4*	+2.144+.350	10.0	9
2812	1936[1]	7.4	35 38.31	+1.6895+.0035	-46 8 41.6	+2.127-.246	9.9	4
2813	1936[2]	9.5	35 38.70*	+1.6895+.0035	-46 8 39.0	+2.126-.246	9.9	4
2814	1957	7.7	35 43.94	+1.6087+.0037	-47 45 54.0	+2.119-.234	10.2	4
2815	903	7.7	35 45.02	+1.2709+.0047	-53 35 12.2	+2.117-.185	10.0	4
2816	1987	7.8	35 45.11	+1.9031+.0030	-41 20 45.4	+2.117-.277	10.2	4
2817	2395	8.2*	35 46.73	+2.3126+.0026	-29 45 37.0	+2.115-.336	10.5	4
2818	1999	5.8	35 50.09	+1.9271+.0030	-40 45 26.7	+2.110-.280	10.4	4
2819	321	8.3	35 57.66	-1.9910+.0327	-75 17 34.0	+2.099+.288	10.5	4
2820	867	7.8	35 59.98	+1.2011+.0050	-54 37 1.2	+2.095-.175	10.4	4
2821	868	8.3	36 3.28	+1.1837+.0050	-54 52 2.1	+2.091-.172	10.4	4
2822	1864	6.6	36 6.83	+1.4491+.0041	-50 41 28.4	+2.086-.211	10.3	4
2823	1338	2.0	36 13.02	+3.0263+.0031	- 1 59 22.7	+2.077-.440	10.1	10,13
2824	2969	7.3	36 22.09	+2.4871+.0026	-23 46 12.4	+2.063-.362	10.5	4
2825	2371	9.0	36 22.26	+2.0848+.0028	-36 36 53.9	+2.063-.303	10.4	4
2826	2375	2.8	36 23.32	+2.1718+.0027	-34 7 17.7	+2.062-.316	10.3	22
2827	355	7.7	36 29.23	-0.8304+.0187	-71 11 26.4	+2.053+.120	10.7	4
2828	2479	5.5	36 30.07	+2.2199+.0027	-32 40 33.6	+2.052-.323	10.0	4
2829	2008	8.1	36 36.71	+1.9277+.0029	-40 43 56.3	+2.042-.280	10.4	4
2830	845	7.1	36 40.08	+1.1736+.0050	-55 0 10.7	+2.037-.171	10.1	4
2831	439	6.4*	36 54.86*	-0.0017+.0114	-66 36 39.7*	+2.016-.000	10.0	8
2832	316	5.6	36 59.18	-1.5027+.0255	-73 47 41.7	+2.010+.217	10.5	6
2833	491	7.1	37 0.16	+0.8450+.0064	-59 9 56.8	+2.008-.123	10.0	4
2834	491	8.2	37 1.97	+0.6191+.0075	-61 32 34.7	+2.006-.091	10.0	4
2835	2004	7.7	37 5.57	+1.8936+.0030	-41 33 38.3	+2.000-.276	10.3	4
2836	2413	7.0	37 24.26	+2.3119+.0026	-29 45 59.6	+1.973-.336	9.9	4
2837	493	8.2	37 27.64	+0.6518+.0072	-61 12 57.9	+1.968-.095	10.0	4
2838	2390	8.0	37 36.19	+2.0836+.0028	-36 37 51.9	+1.956-.303	10.1	4
2839	2393	7.8	37 40.50	+2.4125+.0026	-26 23 30.0	+1.950-.351	10.2	4
2840	2480	9.0	37 41.11	+2.1972+.0027	-33 20 58.1	+1.949-.320	9.9	1
2841	495	7.2	37 49.63	+0.8583+.0062	-59 0 20.2	+1.936-.125	9.9	4
2842	2483	6.4	38 9.32	+2.1938+.0027	-33 26 40.5	+1.908-.319	10.3	6
2843	1194	5.9	38 26.73	+2.5237+.0026	-22 25 1.4	+1.882-.367	10.4	8
2844	2571	6.2	38 45.72	+2.2862+.0026	-30 34 41.6	+1.855-.333	10.0	4
2845	916	7.7	38 46.33	+1.2898+.0044	-53 15 42.7	+1.854-.188	10.0	4
2846	2446	7.9*	38 46.46	+2.3724+.0026	-27 44 59.1	+1.854-.345	10.0	4
2847	903	10.0	38 52.97	+1.0800+.0051	-56 15 42.5	+1.844-.158	10.0	4
2848	1398	5.5	38 55.57	+4.6466+.0089	+49 47 15.9	+1.841-.675	10.2	11
2849	2401	5.3	39 1.45	+2.1506+.0027	-34 42 41.0	+1.832-.313	10.1	4
2850	2190	8.7	39 2.63	+1.7431+.0032	-44 58 10.3	+1.830-.254	10.1	4

2811 S.P. $26^s.54$, $19''.7$, 9.4, 8.

2813 $38^s.56$, 38.69, $38^s.68$, $38^s.86$.

2831 S.P. $54^s.80$, $41''.1$, 9.9, 6.

No.	Name	Mag.	R. A. 1910	Prec. and Sec. Var.	Decl. 1910	Prec. and Sec. Var.	Epoch.	No. Obs.
		M	h m s	s s	° ′ ″	″ ″		
2851	1930	7.2	5 39 10.33	+1.5791+.0036	-48 17 37.9	+1.819-.230	10.2	4
2852	323	6.7	39 12.62	-1.4920+.0232	-73 44 40.1	+1.816+.216	10.0	4
2853	2356	7.8	39 15.79	+2.0512+.0028	-37 30 1.1	+1.811-.298	10.0	4
2854	456	Neb.	39 20.07	-0.4215+.0135	-69 8 48.0	+1.805+.060	10.1	1
2855	876	7.7	39 22.19	+1.2061+.0046	-54 30 23.8	+1.802-.176	10.0	4
2856	501	8.3	39 23.82	+0.4624+.0078	-62 58 51.9	+1.800-.068	10.2	4
2857	1987	7.5	39 25.98	+1.8072+.0031	-43 33 3.8	+1.796-.263	10.0	4
2858	2412	7.3*	39 37.61	+2.1747+.0026	-33 59 55.1	+1.780-.316	10.0	4
2859	2504	7.0	39 57.08	+2.1925+.0026	-33 27 55.0	+1.751-.319	10.3	6
2860	909	7.8	40 2.79	+1.0626+.0050	-56 28 49.7	+1.743-.155	10.0	4
2861	2124	7.5	40 14.96	+1.7282+.0032	-45 16 33.4	+1.725-.252	9.9	4
2862	2140	6.3	40 31.80	+1.9769+.0028	-39 26 46.8	+1.701-.288	10.0	8
2863	1210	6.4	40 41.42	+2.5223+.0025	-22 27 4.1	+1.687-.367	10.4	4
2864	1211	3.8	40 42.65	+2.5215+.0025	-22 28 38.0	+1.685-.367	9.9	15,30
2865	1969	7.6	40 43 44	+1.6695+.0033	-46 29 36.8	+1.684-.243	9.9	4
2866	1252	6.7	41 1.75	+2.5426+.0025	-21 41 47.6	+1.657-.370	9.9	4
2867	195	6,1	41 6.78	-3.6964+.0483	-78 52 6.7	+1.650+.536	10.4	6
2868	2131	6.3	41 7.87	+1.6994+.0032	-45 52 25.2	+1.648-.248	9.9	4
2869	2132	8.0	41 8.86	+1.7096+.0032	-45 39 37.4	+1.647-.249	9.9	4
2870	2133	8.9	41 11.58	+1.7039+.0032	-45 46 48.0	+1.643-.248	10.1	4
2871	1854	7.6	41 12.34	+1.4919+.0037	-49 52 53.0	+1.642-.217	10.0	4
2872	506	7.0	41 15.62	+0.4636+.0074	-62 57 15.2	+1.637-.068	10.2	4
2873	418	7.5	41 47.27	-0.3639+.0119	-68 48 37.9	+1.591+.052	10.0	4
2874	2704	6.8*	41 50.63	+2.2496+.0026	-31 42 19.4	+1.586-.328	10.4	6
2875	492	7.2	41 54.47	-0.1347+.0104	-67 26 33.8	+1.581+.019	10.0	4
2876	2064	7.6	42 11.28	+1.9452+.0028	-40 14 5.0	+1.556-.283	10.1	4
2877	1004	5.5	42 11.29	+3.4976+.0036	+17 41 45.7	+1.556-.509	10.0	4
2878	2048	7.1	42 15.50	+1.8805+.0029	-41 49 4.6	+1.550-.274	10.0	4
2879	2165	7.0	42 25.88	+1.9800+.0028	-39 20 54.8	+1.535-.288	10.0	4
2880	3073	7.0	42 29.86	+2.4882+.0025	-23 40 44.7	+1.529-.362	10.2	4
2881	862	7.6	42 33.11	+1.1167+.0046	-55 43 58.5	+1.525-.163	10.2	4
2882	420	8.7	42 33.75	-0.3541+.0115	-68 45 0.9	+1.524+.051	10.3	4
2883	2538	5.2	42 39.17	+2.2288+.0026	-32 20 24.6	+1.516-.325	10.0	13
2884	928	7.7	42 47.85	+1.0241+.0048	-56 57 9.7	+1.503-.150	10.4	4
2885	496	7.7	42 49.49	-0.0940+.0098	-67 10 32.2	+1.501+.013	10.4	4
2886	1232	3.7	42 52.62	+2.7190+.0025	-14 51 18.0	+1.496-.396	10.0	7,11
2887	1418	4.6	42 56.31	+4.1576+.0054	+39 9 4.0	+1.491-.605	10.2	6
2888	193	8.5*	42 59.44	-4.4540+.0548	-79 57 31.3	+1.486+.647	10.5	4
2889	2017	7.2	43 22.10	+1.6412+.0032	-47 2 23.9	+1.453-.239	10.2	4
2890	2447	7.5	43 22.74	+2.3361+.0025	-28 55 11.8	+1.453-.340	9.9	4
2891	1235	2.2	43 29.27	+2.8446+.0026	- 9 42 3.8	+1.443-.414	9.9	22,27
2892	2445	6.8	43 33.45	+2.0947+.0026	-36 15 48.5	+1.437-.305	10.5	6
2893	2449	6.0	43 33.66	+2.3436+.0025	-28 40 16.7	+1.437-.341	10.0	4
2894	2732	Var.	43 33.89	+2.2485+.0025	-31 43 24.8	+1.436-.328	10.1	3
2895	864	8.4	43 34.94	+1.1142+.0045	-55 45 29.0	+1.435-.162	10.2	4
2896	2504	7.2	43 46.62	+2.3884+.0025	-27 9 56.1	+1.418-.348	10.5	8
2897	866	7.7	43 49.28	+1.1248+.0044	-55 36 41.0	+1.414-.164	10.4	4
2898	1999	5.1	43 57.67	+1.6613+.0032	-46 37 47.4	+1.402-.242	10.1	4
2899	431	7.6	43 59.62	-0.2467+.0102	-68 7 3.2	+1.399+.036	10.4	4
2900	467	9.7	44 7.43	+0.6722+.0059	-60 57 4.4	+1.388-.098	10.5	4

No.	Name	Mag.	R. A. 1910	Prec. and Sec. Var.	Decl. 1910	Prec. and Sec. Var.	Epoch.	No. Obs.
		M	h m s	s s	° ′ ″	″ ″		
2901	2509	6.4	5 44 8.31	+2.1143+.0026	−35 42 25.2	+1.386−.308	10.5	4
2902	2456	7.1	44 19.08	+2.0853+.0026	−36 31 3.6	+1.371−.304	10.2	4
2903	161	5.6	44 19.90*	−4.9272+.0576	−80 32 15.1*	+1.369+.716	10.5	10
2904	2217	7.6	44 20.20	+2.0210+.0027	−38 15 42.7	+1.369−.294	10.9	4
2905	2247	8.0*	44 23.17	+1.7471+.0030	−44 49 51.9	+1.365−.255	10.7	4
2906	2160	7.6	44 23.61	+1.7071+.0031	−45 40 54.4	+1.364−.249	10.8	4
2907	470	8.5	44 26.05	+0.6912+.0057	−60 45 18.5	+1.360−.101	10.5	4
2908	933	6.6	44 31.62	+1.2871+.0039	−53 14 51.1	+1.352−.188	10.4	4
2909	496	4.5	44 36.67*	+0.1098+.0081	−65 46 9.3*	+1.345−.017	10.1	12
2910	152	7.2	44 39.14	−6.0186+.0736	−81 39 21.1	+1.341+.875	9.9	4
2911	2066	6.9	44 39.55	+1.8878+.0028	−41 37 13.5	+1.341−.275	10.0	8
2912	870	8.0	44 44.10	+1.0980+.0044	−55 58 5.8	+1.334−.160	10.4	4
2913	2453	7.8	44 46.64	+2.1561+.0026	−34 30 0.3	+1.330−.314	10.7	4
2914	2518	8.3	44 51.34	+2.1263+.0026	−35 21 34.6	+1.324−.310	10.2	4
2915	2547	6.9	45 2.47	+2.1912+.0025	−33 27 35.8	+1.308−.319	10.5	6
2916	517	7.6	45 3.37	+0.6405+.0058	−61 15 43.6	+1.306−.094	10.5	4
2917	2085	6.5	45 4.62	+1.9262+.0028	−40 40 57.8	+1.304−.281	10.2	4
2918	2459	7.4*	45 9.07	+2.1399+.0026	−34 57 54.4	+1.298−.312	10.7	4
2919	1620	3.9	45 9.12	+1.4198+.0036	−51 5 55.5	+1.298−.207	10.0	9,8
2920	1429	4.2	45 15.11	+4.1572+.0049	+39 7 22.5	+1.289−.605	10.3	10
2921	892	6.0	45 24.16	+1.2103+.0040	−54 23 26.2	+1.276−.176	10.2	4
2922	2569	7.5	45 31.22	+2.2243+.0025	−32 27 16.7	+1.266−.324	10.2	4
2923	893	8.6	45 33.33	+1.2350+.0040	−54 1 35.2	+1.263−.180	10.2	4
2924	334	8.1	45 35.09	−2.2248+.0232	−75 52 4.6	+1.260+.323	10.2	4
2925	2573	6.9	45 47.30	+2.2217+.0025	−32 31 53.6*	+1.242−.324	9.9	4
2926	1991	7.2	45 54.54	+1.5409+.0033	−48 56 49.0	+1.232−.225	9.9	4
2927	2163	8.2	46 0.53	+1.8565+.0028	−42 21 10.2	+1.223−.271	9.9	4
2928	2164	8.8	46 6.91	+1.8583+.0028	−42 18 37.7	+1.214−.271	9.9	4
2929	3135	5.8	46 7.94	+2.5063+.0024	−22 59 55.2	+1.212−.365	10.4	4
2930	2414	7.7	46 20.55	+2.0595+.0026	−37 12 42.0	+1.194−.300	9.9	4
2931	509	8.1	46 22.60	−0.1866+.0089	−67 44 22.8	+1.191+.027	10.0	4
2932	2024	7.7	46 24.75	+1.6744+.0031	−46 20 35.4	+1.188−.244	10.0	4
2933	2647	6.6*	46 28.59	+2.2821+.0025	−30 38 48.4	+1.182−.332	10.0	4
2934	2271	8.2	46 44.63	+1.7518+.0029	−44 42 33.4	+1.159−.255	10.0	4
2935	2479	7.3	46 49.23	+2.1528+.0025	−34 34 45.5	+1.152−.314	9.9	4
2936	2587	6.8	46 50.25	+2.2116+.0025	−32 50 2.3	+1.151−.322	9.9	4
2937	2274	6.3	46 57.19	+1.7429+.0029	−44 54 4.8	+1.141−.254	10.2	4
2938	2538	Var.	47 3.58	+2.3261+.0024	−29 13 24.1	+1.131−.339	10.1	4
2939	2075	7.6	47 7.99	+1.8112+.0028	−43 23 25.0	+1.125−.264	10.0	4
2940	528	8.7	47 9.59	+0.6423+.0054	−61 13 52.4	+1.122−.094	10.2	4
2941	2540	9.1	47 21.30	+2.3270+.0024	−29 11 37.4	+1.105−.339	10.1	1
2942	2431	7.0	47 24.56	+2.0432+.0026	−37 38 46.1	+1.101−.298	10.1	4
2943	1211	3.9	47 27.04	+2.5633+.0024	−20 53 10.2	+1.097−.374	10.3	8
2944	75	6.2	47 36.79	−11.683+.1623	−84 49 56.3	+1.083+1.70	10.6	10
2945	899	4.5	47 40.28	+3.7699+.0035	+27 35 29.6	+1.078−.549	10.0	4
2946	1246	6.1	47 42.87	+2.5075+.0024	−22 56 54.5	+1.074−.365	10.0	4
2947	2546	3.2	47 47.18*	+2.1100+.0025	−35 48 6.0	+1.068−.308	10.2	25,26
2948	1635	7.4	47 47.34	+1.4208+.0034	−51 3 49.5	+1.068−.207	10.2	4
2949	2222	8.2	47 50.83	+1.9617+.0027	−39 46 22.5	+1.062−.286	10.3	4
2950	1907	7.4	48 4.91	+1.5367+.0032	−49 0 36.6	+1.042−.224	9.9	4

2903 S.P. $19^s.68$, $16''.8$, 9.7, 9.

2925 $54''.2$, $53''.0$, $55''.3$, $51''.9$.

2909 S.P. $36^s.72$, $10''.5$, 9.8, 10.

2947 ($46^s.91$).

No.	Name	Mag.	R. A. 1910	Prec. and Sec. Var.	Decl. 1910	Prec. and Sec. Var.	Epoch.	No. Obs.
		M	h m s	s s	° ′ ″	″ ″		
2951	946	4.4	5 48 11.50	+1.0797+.0041	−56 11 19.6	+1.032−.158	10.0	4
2952	2731	7.1	48 14.32	+2.4433+.0024	−25 14 26.2	+1.028−.356	10.2	4
2953	504	7.6	48 18.16	+0.1850+.0066	−65 11 34.6	+1.023−.027	10.0	4
2954	886	7.4	48 27.40	+1.1588+.0038	−55 6 23.1	+1.009−.169	9.9	4
2955	2734	6.9*	48 28.26	+2.4225+.0024	−25 57 56.0	+1.008−.353	10.2	4
2956	887	8.0	48 28.58	+1.1205+.0039	−55 38 14.1	+1.008−.163	10.2	4
2957	791	6.3	48 30.41	+1.3147+.0035	−52 47 28.0	+1.005−.192	10.0	4
2958	2556	6.5	48 30 85	+2.3183+.0024	−29 28 13.4	+1.004−.338	10.2	4
2959	888	7.4	48 31.81	+1.1608+.0038	−55 4 41.2	+1.003−.169	9.9	4
2960	487	7.5	48 33.77	+0.6940+.0050	−60 42 1.6	+1.000−.102	10.3	4
2961	950	8.1	48 42.86	+1.2727+.0036	−53 26 21.0	+0.987−.186	10.2	4
2962	488	9.3	48 45.24	+0.6813+.0050	−60 49 47.1	+0.983−.100	10.3	4
2963	2556	7.9	48 46.66	+2.1052+.0025	−35 55 51.1	+0.981−.307	10.4	4
2964	524	9.1	48 49.02	−0.5506+.0094	−69 46 31.5	+0.978+.080	10.7	4
2965	794	5.0	48 51.01	+1.3561+.0034	−52 7 44.7	+0.975−.198	10.0	4
2966	1162	4.6	49 3.19	+3.5653+.0030	+20 15 37.4	+0.957−.520	10.0	3
2967	2109	6.6	49 3.63	+1.9070+.0027	−41 7 34.9	+0.956−.278	10.1	5
2968	2295	8.7	49 6.68	+1.7818+.0028	−44 2 7.1	+0.952−.260	10.2	4
2969	2453	5.6	49 29.03	+2.0426+.0026	−37 39 0.0	+0.919−.298	10.0	8
2970	953	9.5	49 29.24	+1.2614+.0036	−53 36 18.2	+0.919−.184	10.2	5,4
2971	529	8.1	49 29.40	+0.5510+.0052	−62 6 5.3	+0.919−.080	10.4	4
2972	2503	6.6*	49 35.52	+2.1523+.0025	−34 34 43.7	+0.910−.314	10.0	4
2973	954	8.3	49 35.76	+1.2567+.0036	−53 40 31.9	+0.910−.183	10.0	4
2974	418	6.5	49 37.97	−1.2211+.0121	−72 43 39.3	+0.907+.178	10.3	4
2975	2270	6.7	49 46.80	+2.0088+.0026	−38 32 41.4	+0.894−.293	10.2	4
2976	2599	4.9	49 50.81	+2.1780+.0025	−33 49 14.9	+0.888−.318	10.0	4
2977	534	9.1	49 57.98	+0.6190+.0049	−61 26 46.2	+0.877−.090	10.4	4
2978	463	5.2	49 59.16*	−0.0612+.0069	−66 55 25.2*	+0.876+.009	10.0	9
2979	1055	0.9	50 17.95	+3.2457+.0025	+ 7 23 27.1	+0.848−.473	10.1	31,45
2980	529	9.4	50 18.82	−0.5585+.0086	−69 48 37.7	+0.847+.081	10.0	4
2981	799	6.8	50 21.98	+1.3590+.0033	−52 4 25.2	+0.842−.198	9.9	4
2982	507	8.0	50 23.31	+0.1720+.0061	−65 16 53.8	+0.840−.025	10.4	4
2983	2119	8.3	50 29.79	+1.8714+.0027	−41 58 23.0	+0.831−.273	10.0	4
2984	2205	6.3	50 38.02	+1.8300+.0027	−42 56 20.9	+0.819−.267	10.2	4
2985	965	7.6	50 42.45	+1.0565+.0038	−56 28 53.2	+0.813−.154	10.3	4
2986	2595	6.2	50 44.67	+2.3274+.0024	−29 9 46.1	+0.809−.339	10.2	4
2987	2114	8.2	50 45.14	+1.8020+.0027	−43 34 29.0	+0.809−.263	10.2	4
2988	2077	6.6	50 46.26	+1.5909+.0030	−47 58 23.8	+0.807−.232	10.7	4
2989	530	8.8	50 47.33	−0.5385+.0083	−69 42 21.6	+0.805+.078	10.5	4
2990	2470	7.3	50 48.88	+2.0461+.0025	−37 32 56.9	+0.803−.298	10.6	5
2991	901	6.0	50 49.66	+1.0027+.0039	−57 10 21.3	+0.802−.146	10.5	4
2992	486	6.4	50 53.56	+0.3282+.0055	−64 3 11.6	+0.796−.048	10.4	4
2993	2580	6.8*	50 57.62	+2.1052+.0025	−35 55 11.1	+0.790−.307	10.2	4
2994	903	8.7	51 2.28	+0.9420+.0040	−57 55 14.4	+0.784−.138	10.3	4
2995	2558	6.8	51 3.08	+2.4016+.0023	−26 40 37.1	+0.783−.350	10.7	4
2996	2215	8.0	51 4.10	+1.8596+.0027	−42 14 57.4	+0.781−.271	10.4	4
2997	800	8,9	51 4.55	+1.3303+.0033	−52 31 48.5	+0.780−.194	10.5	4
2998	904	10.0	51 5.35	+0.9431+.0040	−57 54 27.7	+0.779−.138	10.3	4
2999	2127	8.5	51 15.38	+1.8968+.0026	−41 21 36.2	+0.765−.277	10.2	4
3000	2565	8.8	51 31.14	+2.3967+.0023	−26 50 35.3	+0.742−.349	10.1	1

2978S.P. $59^s.24$, $26''.3$, 10.2; 26,25, $(32''.1)$.

No.	Name	Mag.	R. A. 1910	Prec. and Sec. Var.	Decl. 1910	Prec. and Sec. Var.	Epoch.	No. Obs.
		M	h m s	s s	° ′ ″	″ ″		
3001	387	9.4	5 51 39.75	−0.8902+.0091	−71 22 29.8	+0.729+.129	9.9	4
3002	2085	7.4	51 45.52	+1.6302+.0028	−47 12 3.1	+0.721−.238	9.9	4
3003	58	7.4	51 48.43	−43.532+1.115	−88 21 30.6	+0.716+6.34	10.0	4
3004	534	7.8	51 52.69	−0.5810+.0079	−69 55 11.3	+0.710+.084	10.0	4
3005	2260	5.6	51 56.70	+1.9529+.0026	−39 58 22.5*	+0.704−.285	10.0	4
3006	1977	6.5	51 58.54	+1.4586+.0031	−50 23 28.9	+0.702−.213	10.0	4
3007	1304	6.8	52 4.00	+2.5410+.0023	−21 42 0.9	+0.694−.370	9.9	4
3008	1669	9.2	52 14.24	+1.3717+.0032	−51 51 25.9	+0.679−.200	10.1	4
3009	1286	3.8	52 18.27	+2.7350+.0022	−14 11 1.0	+0.673−.399	9.8	4
3010	541	6.9	52 22.83	+0.5758+.0045	−61 51 18.6	+0.666−.084	10.5	4
3011	2487	5.0	52 24.06	+2.0611+.0025	−37 8 0.4	+0.664−.300	10.2	10
3012	1945	6.2	52 26.05	+1.5008+.0030	−49 38 29.2	+0.662−.219	10.3	4
3013	1269	6.0	52 27.54	+2.5096+.0023	−22 51 11.6	+0.660−.366	10.3	4
3014	543	8.6	52 29.10	+0.6208+.0044	−61 25 7.3	+0.657−.091	10.4	4
3015	2844	6.7*	52 36.11	+2.2526+.0024	−31 32 41.7	+0.647−.328	10.1	4
3016	536	9.2	52 38.25	−0.5615+.0074	−69 49 7.1	+0.644+.082	10.5	4
3017	2296	7.4	52 40.72	+2.0245+.0025	−38 7 2.9	+0.640−.295	10.4	4
3018	2596	8.6	52 42.68	+2.1332+.0024	−35 6 58.0	+0.637−.311	10.7	4
3019	3263	6.4	52 49.34	+2.4992+.0023	−23 13 39.9	+0.628−.364	10.2	4
3020	805	5.3	52 51.14	+1.3220+.0032	−52 39 18.0	+0.625−.193	10.6	4
3021	1671	7.7	52 51.76	+1.4229+.0031	−51 0 7.7	+0.624−.208	10.2	4
3022	1328	2.1	52 55.62	+4.4054+.0034	+44 56 20.8	+0.618−.642	10.1	14
3023	508	7.1	52 56.78	+0.7555+.0040	−60 2 9.7	+0.617−.110	10.4	4
3024	2848	5.5	52 57.72	+2.2573+.0024	−31 23 39.5	+0.616−.329	10.2	4
3025	1949	8.4	52 59.50	+1.5001+.0030	−49 39 5.1	+0.613−.219	9.8	1
3026	2637	7.1	53 14.69	+2.1902+.0024	−33 26 45.9	+0.591−.319	10.3	6
3027	72	Var	53 21. *	−18.360+.1913	−86 26 *	+0.581+2.68		
3028	498	4.5	53 24.72	+0.4375+.0046	−63 7 1.3	+0.576−.064	10.0	4
3029	2854	6.5	53 27.48	+2.2382+.0024	−31 59 14.3	+0.572−.326	10.0	4
3030	1380	2.7	53 35.02	+4.0868+.0028	+37 12 25.2	+0.561−.596	10.2	10
3031	2549	8.9	53 40.65	+2.0890+.0024	−36 21 41.6	+0.553−.304	10.1	4
3032	2620	8.3	53 44.47	+2.3818+.0023	−27 20 27.0	+0.547−.347	10.2	4
3033	540	7.2	53 44.74	+0.7936+.0038	−59 37 16.6	+0.547−.116	10.1	4
3034	495	6.6	53 47.39*	+0.2721+.0048	−64 29 49.0*	+0.543−.040	10.0	8
3035	542	8.0*	53 59.96	+0.7658+.0039	−59 55 19.4	+0.525−.112	10.0	4
3036	2343	6.7	54 14.05	+1.7815+.0026	−44 1 13.8	+0.504−.260	10.0	4
3037	970	8.5	54 15.28	+1.0512+.0034	−56 32 14.3	+0.502−.153	9.9	4
3038	2147	7.9	54 17.43*	+1.8794+.0025	−41 45 56.1*	+0.499−.274	10.1	2
3039	971	7.7	54 20.42	+1.0490+.0034	−56 33 59.5	+0.495−.153	9.9	4
3040	2612	4.4	54 20.74*	+2.1268+.0024	−35 17 33.0	+0.494−.310	10.2	9,10
3041	511	9.3	54 29.90	+0.7049+.0039	−60 33 53.6	+0.481−.103	10.0	1
3042	2871	7.6	54 34.69	+2.2400+.0023	−31 55 44.7	+0.474−.326	9.8	1
3043	2560	7.5	54 38.53	+2.1548+.0024	−34 29 2.4	+0.468−.314	9.9	4
3044	552	8.3	55 11.62	+0.6160+.0039	−61 27 28.6	+0.420−.090	9.9	4
3045	977	7.6	55 14.60	+1.2718+.0030	−53 25 29.7	+0.416−.185	9.9	4
3046	978	6.4	55 19.80	+1.2712+.0030	−53 26 1.7	+0.408−.185	9.9	4
3047	515	8.7	55 21.28	+0.7018+.0037	−60 35 41.2	+0.406−.102	9.9	4
3048	2571	8.4	55 42.30	+2.1588+.0023	−34 21 54.8	+0.378−.315	9.9	4
3049	813	8.6	55 48.48	+1.3222+.0029	−52 38 30.0	+0.367−.193	9.9	4
3050	2660	8.0*	55 54.47	+2.1772+.0023	−33 49 29.0	+0.358−.317	10.0	4

3027S.P. $21^s.21$, $0''.7$, 9.6, 4,3.

3005 $22''.4$, $21''.7$, $21''.9$, $24''.0$.

3040 ($20^s.56$).

3034S.P. $47^s.42$, $51''.0$, 9.8, 8.

3038N.F.; Mean $17^s.38$, $56''.1$, 9.9, 2.

No.	Name	Mag.	R. A. 1910	Prec. and Sec. Var.	Decl. 1910	Prec. and Sec. Var.	Epoch.	No. Obs.
		M	h m s	s s	° ′ ″	″ ″		
3051	2363	5.7	5 55 57.32	+1.7803+.0026	-44 2 26.3	+0.354-.260	10.0	4
3052	456	7.6	56 0.03	-0.2443+.0050	-68 3 28.4	+0.350+.036	10.0	4
3053	202	5.6	56 21.17*	-4.0522+.0143	-79 22 39.8*	+0.319+.591	10.2	10
3054	2266	4.0	56 23.48	+1.8343+.0025	-42 49 11.3	+0.316-.267	10.4	34,33
3055	2631	7.0	56 27.70	+2.1244+.0023	-35 21 28.4	+0.309-.310	10.3	6
3056	818	8.2	56 42.90	+1.3122+.0029	-52 47 50.3	+0.287-.191	9.9	4
3057	819	7.9	56 47.42	+1.3210+.0029	-52 39 33.4	+0.281-.192	9.9	4
3058	2534	8.5	56 48.35	+2.0632+.0024	-37 3 53.8	+0.279-.301	9.9	4
3059	2312	8.3	56 49.46	+1.9812+.0024	-39 14 19.1	+0.278-.289	10.0	4
3060	1699	7.0	56 54.91	+1.4089+.0028	-51 13 40.6	+0.270-.205	10.0	4
3061	2314	8.3	57 5.53	+1.9822+.0024	-39 12 38.2	+0.254-.289	9.9	4
3062	2539	8.2	57 20.10	+2.0642+.0023	-37 2 10.9	+0.233-.301	10.0	4
3063	207	7.8	57 27.31	-3.5546+.0103	-78 35 58.4	+0.223+.518	10.1	4
3064	2379	8.5	57 28.14	+1.7695+.0025	-44 16 38.0	+0.221-.258	10.0	4
3065	2135	9.9	57 30.12	+1.6317+.0026	-47 9 16.6	+0.218-.238	10.1	1
3066	2865	5.9	57 33.70	+2.4374+.0022	-25 25 7.0	+0.213-.355	10.1	4
3067	2380	7.7	57 37.32	+1.7817+.0025	-44 0 28.4	+0.208-.260	10.0	4
3068	2546	7.1*	57 57.22	+2.0628+.0023	-37 4 22.6	+0.179-.301	9.8	4
3069	549	8.2	57 58.20	-0.4989+.0044	-69 29 6.0	+0.178+.073	10.0	4
3070	2681	5.6	58 0.52	+2.1741+.0023	-33 54 43.3	+0.174-.317	10.1	8
3071	2282	6.6	58 6.08	+1.8319+.0024	-42 52 18.7	+0.166-.267	10.4	4
3072	2677	7.3	58 18.86	+2.3811+.0022	-27 21 25.8	+0.148-.348	10.1	4
3073	2196	7.6	58 24.44	+1.7863+.0024	-43 54 15.1	+0.139-.260	9.9	4
3074	2647	7.3	58 27.60	+2.1352+.0023	-35 2 38.2	+0.135-.311	10.5	6
3075	2680	7.2	58 32.26	+2.3791+.0022	-27 25 27.6	+0.128-.347	9.9	4
3076	527	8.6	58 35.70	+0.7119+.0031	-60 29 5.7	+0.123-.104	9.9	4
3077	1170	4.3	58 38.92	+3.6472+.0018	+23 16 8.2	+0.118-.532	9.9	5
3078	1713	5.8	58 42.54	+1.4093+.0026	-51 13 8.6	+0.113-.205	9.9	4
3079	923	8.9	58 47.44	+1.1577+.0028	-55 5 17.7	+0.106-.169	10.2	4
3080	2144	8.1	58 50.14	+1.6725+.0025	-46 19 53.1	+0.102-.244	10.2	4
3081	2372	6.9	59 6.66	+1.9907+.0023	-38 59 22.5	+0.078-.291	10.1	4
3082	942	7.6	59 10.00	+1.1674+.0028	-54 57 4.9	+0.073-.170	10.1	4
3083	602	7.2	59 12.25	+0.9253+.0029	-58 6 11.0	+0.070-.135	9.9	4
3084	530	8.9	59 22.99	+0.7112+.0030	-60 29 32.8	+0.054-.104	9.9	4
3085	531	9.2	59 25.86	+0.1470+.0033	-65 26 54.8	+0.050-.021	9.9	4
3086	2675	5.2	59 37.94	+2.4125+.0022	-26 17 0.7	+0.032-.352	10.4	8
3087	404	8.2	59 38.96	-0.8822+.0038	-71 19 42.6	+0.031+.129	10.2	4
3088	510	6.9	59 41.28*	+0.2943+.0031	-64 18 39.3	+0.027-.043	10.2	3,4
3089	2564	6.9	59 58.90	+2.0454+.0023	-37 32 39.4	+0.002-.298	10.3	6
3090	2609	7.0	6 0 2.09	+2.0702+.0023	-36 52 10.6	-0.003-.302	10.0	4
3091	2155	9.0	0 4.79	+1.6508+.0025	-46 46 15.5	-0.007-.241	10.0	4
3092	989	8.0	0 9.98	+1.0159+.0027	-56 59 0.8	-0.015-.148	9.9	4
3093	534	7.3	0 10.29	+0.7120+.0028	-60 29 3.2	-0.015-.104	9.8	4
3094	1116	5.7	0 13.01	+3.1698+.0018	+ 4 9 51.7	-0.019-.462	10.0	6
3095	2733	7.8*	0 38.22	+2.3215+.0022	-29 20 2.1	-0.056-.338	9.9	4
3096	85	8.0	0 52.80*	-11.957-.0031	-84 55 7.1*	-0.077+1.74	10.0	3
3097	999	7.0	0 54.62	+1.2613+.0026	-53 34 44.2	-0.080-.184	9.9	4
3098	2743	5.6	0 59.43	+2.2319+.0022	-32 10 11.0	-0.087-.325	10.0	4
3099	537	6.5*	1 1.66	+0.7491+.0027	-60 5 36.5	-0.090-.109	10.0	4
3100	2691	7.2	1 10.84	+2.3603+.0021	-28 3 15.7*	-0.103-.344	10.0	4

3053 S.P. $21^s.29$, $39''.6$, 10.1, 23, 24, $20^s.69$, $21^s.89$ included.

3096 S.P. $51^s.92$, $8''.6$, 9.4, 1. 3088 ($41^s.79$).

3100 $15''.7$, $15''.8$, $17''.1$, $14''.3$.

No.	Name	Mag.	R. A. 1910	Prec. and Sec. Var.	Decl. 1910	Prec. and Sec. Var.	Epoch.	No. Obs.
		M	h m s	s s	° ′ ″	″ ″		
3101	996	8.0	6 1 11.02	+1.0194+.0026	−56 56 21.1	−0.104−.148	9.9	5
3102	1002	7.5	1 32.01	+1.2409+.0025	−53 53 5.9	−0.134−.181	10.0	4
3103	512	7.1*	1 34.01	+0.2254+.0026	−64 51 19.5	−0.137−.033	10.0	4
3104	1736	7.1	1 52.48	+1.4168+.0024	−51 5 31.6	−0.164−.206	10.0	4
3105	2300	6.2	1 52.96	+1.7345+.0024	−45 2 8.7	−0.165−.253	10.1	12
3106	2301	6.8	1 54.83	+1.7273+.0024	−45 11 22.8	−0.167−.252	10.4	4
3107	541	8.4	1 55.08	+0.6971+.0025	−60 38 18.9	−0.168−.102	10.3	4
3108	842	8.0	2 2.23	+1.3128+.0024	−52 47 13.5	−0.178−.191	10.3	4
3109	3679	Var.	2 2.93	+2.4723+.0021	−24 11 12.0	−0.179−.360	10.1	4
3110	2302	5.8	2 4.80	+1.7325+.0024	−45 4 40.5	−0.182−.252	10.1	8
3111	2175	8.2	2 4.99	+1.6154+.0024	−47 28 32.7	−0.182−.235	10.4	4
3112	2724	7.3	2 11.43	+2.1882+.0022	−33 29 36.9	−0.192−.319	10.1	4
3113	844	8.2	2 14.55	+1.3064+.0024	−52 53 12.1	−0.196−.190	10.0	4
3114	2684	5.9	2 16.26	+2.1191+.0022	−35 30 20.0	−0.199−.309	10.0	4
3115	2685	8.3	2 18.17	+2.1183+.0022	−35 31 42.0	−0.201−.309	10.0	4
3116	3685	8.8	2 21.09	+2.4518+.0021	−24 54 46.4	−0.206−.357	9.9	4
3117	1152	4.4	2 25.97	+3.4251+.0015	+14 46 47.1	−0.213−.499	10.4	15,23
3118	2124	6.4	2 26.77	+1.5647+.0024	−48 26 59.5	−0.214−.228	10.0	2
3119	959	7.6	2 35.68	+1.2076+.0023	−54 22 36.0	−0.227−.176	10.1	4
3120	2769	5.7	2 37.58	+2.3088+.0021	−29 44 53.1	−0.230−.336	10.5	4
3121	3431	5.5	2 46.83	+2.5025+.0020	−23 6 0.2	−0.243−.365	10.5	8
3122	2730	6.7*	2 47.42	+2.1977+.0022	−33 12 37.7	−0.244−.320	10.2	4
3123	2427	9.0	3 1.38	+1.7783+.0023	−44 4 58.9	−0.264−.259	10.0	4
3124	3699	7.1	3 3.94	+2.4518+.0021	−24 55 2.0	−0.268−.357	10.0	3
3125	3436	7.1	3 6.15	+2.5030+.0020	−23 4 56.5	−0.271−.365	10.1	4
3126	578	8.4	3 6.94	+0.7753+.0023	−59 48 48.9	−0.272−.113	10.0	4
3127	1353	6.1	3 9.03	+2.5380+.0020	−21 48 4.3	−0.276−.370	10.1	4
3128	2236	7.7	3 9.38	+1.7854+.0023	−43 55 31.9	−0.276−.260	10.1	5
3129	549	7.3	3 19.27	−0.1224+.0019	−67 18 10.7	−0.290+.018	10.4	4
3130	961	7.2	3 26.74	+1.2061+.0023	−54 23 57.0	−0.301−.176	10.3	4
3131	549	9.0	3 27.68	+0.7016+.0022	−60 35 38.3	−0.303−.102	10.5	4
3132	1009	6.6	3 29.98	+1.0746+.0023	−56 13 27.8	−0.306−.156	10.4	4
3133	77	6.7	3 32.40*	−15.719−.0631	−85 55 57.2*	−0.310+2.29	10.2	19,32
3134	2309	7.4	3 38.22	+1.6983+.0023	−45 48 14.0	−0.318−.247	10.0	4
3135	2227	6.9	3 48.11	+1.9024+.0022	−41 12 31.0	−0.333−.277	10.1	4
3136	2655	5.9	3 49.08	+2.1610+.0022	−34 18 0.4	−0.334−.315	10.4	4
3137	2343	6.2	3 54.09	+1.8572+.0023	−42 17 13.6	−0.341−.270	10.0	4
3138	368	8.0	4 6.97	−1.6266−.0003	−74 7 37.7	−0.360+.238	10.5	4
3139	2605	7.5	4 11.24*	+2.0648+.0022	−37 1 25.5	−0.366−.301	9.9	4
3140	2607	7.4	4 13.68	+2.0588+.0022	−37 11 14.7	−0.370−.300	10.1	4
3141	852	8.1	4 17.57	+1.3431+.0023	−52 18 35.5	−0.376−.196	10.2	4
3142	2660	7.7	4 22.43	+2.0912+.0022	−36 17 46.3	−0.382−.305	10.7	4
3143	940	8.1	4 23.72	+1.0947+.0022	−55 57 29.6	−0.384−.159	10.2	4
3144	2317	6.4	4 25.21	+1.7326+.0022	−45 4 48.4	−0.387−.252	10.5	4
3145	2061	7.1	4 25.88	+1.5239+.0023	−49 12 45.1	−0.388−.222	10.4	4
3146	2609	5.1	4 26.42	+2.0569+.0022	−37 14 23.4	−0.388−.300	10.1	13
3147	2202	6.8	4 29.34	+1.6796+.0023	−46 11 32.8	−0.393−.245	10.4	4
3148	2233	8.5	4 33.02	+1.8882+.0022	−41 33 11.7	−0.398−.275	10.4	4
3149	550	9.1	4 34.62	+0.7494+.0021	−60 5 42.3	−0.400−.109	10.4	4
3150	577	7.8	4 49.72	+0.5872+.0019	−61 44 14.0	−0.422−.085	10.2	4

3133 S.P. 32ˢ.40, 56″.9, 9.9, 14,27. 3139 11ˢ.30, 11ˢ.22, 11ˢ.10, 11ˢ.36.

No.	Name	Mag.	R. A. 1910	Prec. and Sec. Var.	Decl. 1910	Prec. and Sec. Var.	Epoch.	No. Obs.
		M	h m s	s s	° ′ ″	″ ″		
3151	2351	5.5	6 5 5.17	+1.8636+.0022	−42 8 21.8	−0.445−.271	10.1	4
3152	2444	6.9*	5 9.53	+1.7496+.0022	−44 42 57.2	−0.451−.255	10.0	4
3153	1327	5.5	5 10.80	+2.5215+.0020	−22 24 39.8	−0.453−.367	10.5	4
3154	2446	8.4	5 17.63	+1.7612+.0022	−44 27 50.8*	−0.463−.256	10.0	4
3155	2674	8.0	5 40.02	+2.0979+.0022	−36 6 38.2	−0.496−.306	9.9	4
3156	947	8.0	5 55.47	+1.1148+.0020	−55 41 25.0	−0.518−.162	10.0	4
3157	2452	6.2	5 55.59	+1.7670+.0022	−44 20 25.9*	−0.518−.257	10.0	4
3158	1330	5.7	6 1.19	+2.5121+.0020	−22 45 31.1	−0.526−.366	10.4	4
3159	493	5.8	6 3.10*	+0.0682+.0011	−66 1 37.1*	−0.529−.010	10.0	9
3160	2256	7.6	6 5.26	+1.7916+.0022	−43 47 46.7	−0.532−.261	10.0	4
3161	2871	8.0	6 5.58	+2.2696+.0021	−31 0 25.5	−0.533−.330	10.0	4
3162	973	7.7	6 8.38	+1.2048+.0021	−54 25 27.5	−0.537−.175	10.0	4
3163	2246	7.7	6 10.90	+1.9071+.0022	−41 6 4.0	−0.541−.278	10.2	4
3164	2761	6.2*	6 11.09	+2.4011+.0020	−26 41 2.7	−0.541−.350	10.1	4
3165	582	5.0	6 14.04	+0.5453+.0016	−62 8 18.1	−0.545−.079	10.0	4
3166	1022	8.0	6 18.38	+1.2823+.0021	−53 16 6.8	−0.551−.187	10.0	4
3167	486	9.4	6 29.77	−0.6894−.0003	−70 27 0.0	−0.568+.101	10.1	4
3168	2826	7.4	6 39.79	+2.3075+.0020	−29 48 1.7	−0.583−.336	10.2	5
3169	2253	7.3	6 51.40	+1.8713+.0022	−41 57 46.4	−0.600−.272	9.9	4
3170	2780	5.8	6 59.74	+2.3880+.0020	−27 8 1.6	−0.612−.348	10.4	4
3171	557	6.8	7 1.20	−0.1158+.0005	−67 16 5.9	−0.614+.017	10.0	4
3172	2084	6.4	7 7.91	+1.5060+.0021	−49 32 47.8	−0.624−.219	9.9	4
3173	2291	5.6	7 16.06	+1.9383+.0022	−40 20 11.7	−0.636−.282	10.2	11
3174	2699	6.7	7 18.91	+2.1443+.0021	−34 47 51.3	−0.640−.312	9.9	4
3175	1769	7.2	7 21.64	+1.4010+.0020	−51 22 19.6	−0.644−.204	9.9	4
3176	2089	8.8	7 26.74	+1.5078+.0021	−49 30 56.5	−0.651−.219	9.9	4
3177	2784	6.0	7 36.89	+2.4077+.0020	−26 27 42.3	−0.666−.350	9.9	4
3178	2790	7.5	7 52.66	+2.3909+.0020	−27 2 11.5	−0.689−.348	9.9	4
3179	1773	7.9	7 53.05	+1.4002+.0020	−51 23 13.0	−0.690−.204	9.9	4
3180	2779	7.4*	7 59.57	+2.1767+.0021	−33 50 59.7	−0.699−.317	10.4	7
3181	872	8.5	8 3.07	+1.3142+.0020	−52 46 48.3	−0.704−.191	10.0	4
3182	2794	7.5	8 3.83	+2.3651+.0020	−27 54 29.4	−0.705−.344	10.0	4
3183	2349	6.2	8 4.66	+1.7247+.0021	−45 15 42.1	−0.706−.251	10.1	4
3184	451	8.8	8 14.42	−1.1599−.0028	−72 29 13.2	−0.721+.169	10.1	4
3185	2481	8.0	8 26.86	+1.7439+.0021	−44 51 9.2	−0.739−.254	9.9	4
3186	2800	7.3	8 29.78	+2.4204+.0020	−26 1 39.6	−0.743−.352	10.0	4
3187	980	4.8	8 32.73	+1.1689+.0018	−54 56 53.7	−0.747−.170	10.3	18
3188	2483	7.1	8 38.58	+1.7421+.0021	−44 53 32.9	−0.756−.253	9.9	4
3189	555	8.4*	8 44.06	+0.1999+.0005	−65 4 2.2	−0.764−.029	10.3	4
3190	1387	9.4	8 53.40	+2.5404+.0019	−21 43 37.0	−0.777−.370	10.1	4
3191	1026	8.0	8 58.37	+1.0878+.0017	−56 3 57.7	−0.785−.158	10.2	4
3192	2792	7.4	9 1.42	+2.3325+.0020	−28 59 34.8	−0.789−.340	10.2	4
3193	2806	7.7	9 7.31	+2.3714+.0020	−27 42 8.0	−0.798−.345	10.0	4
3194	2808	7.9*	9 8.71	+2.3708+.0020	−27 43 18.9	−0.800−.345	10.0	4
3195	2842	8.6	9 16.93	+2.2316+.0020	−32 11 58.4	−0.812−.325	10.0	4
3196	474	5.2	9 19.00	−0.3744−.0011	−68 49 26.8	−0.815+.055	10.1	4
3197	2810	8.0	9 21.44	+2.3712+.0020	−27 42 36.8	−0.818−.345	10.0	4
3198	2714	6.9*	9 21.64	+2.0830+.0021	−36 32 24.4	−0.818−.303	10.4	4
3199	1241	Var.	9 26.70	+3.6265+.0004	+22 32 1.0	−0.826−.528	10.2	29,51
3200	2800	7.2	9 27.67	+2.3494+.0020	−28 26 23.2	−0.827−.342	10.2	4

3159 S.P. 3ˢ.16, 39″.6, 10.0, 13.

3154 49″.8, 50″.0, 50″.9, 52″.6

3157 27″.6, 24″.8, 25″.0, 26″.0.

No.	Name	Mag.	R. A. 1910	Prec. and Sec. Var.	Decl. 1910	Prec. and Sec. Var.	Epoch.	No. Obs.
		M	h m s	s s	° ′ ″	″ ″		
3201	2363	10	6 9 30.00	+1.7161+.0020	-45 26 59.1	-0.831-.250	10.1	1
3202	2928	8.9	9 39.10	+2.2846+.0020	-30 32 45.5	-0.844-.332	10.3	4
3203	601	8.2	9 39.69	+0.7801+.0012	-59 46 51.4	-0.845-.113	10.3	4
3204	2109	7.9	9 42.67	+1.4372+.0019	-50 46 7.6	-0.849-.209	10.2	4
3205	986	7.8	9 43.08	+1.2274+.0017	-54 6 35.0	-0.850-.178	10.3	4
3206	2400	7.9	9 46.83	+1.8282+.0020	-42 58 55.8	-0.855-.266	10.4	4
3207	557	7.6	9 51.40	+0.1709+.0000	-65 17 26.6	-0.862-.024	10.2	4
3208	597	7.5	9 57.24	+0.6158+.0009	-61 28 40.0	-0.870-.089	10.1	4
3209	3577	6.6	10 2.06	+2.4826+.0019	-23 50 19.7	-0.877-.361	10.2	4
3210	2883	6.8	10 4.54	+2.3211+.0020	-29 22 12.0	-0.881-.338	10.1	4
3211	562	8.6	10 14.14	+0.7567+.0011	-60 2 10.9	-0.895-.110	9.9	4
3212	563	8.4	10 21.53	+0.7311+.0010	-60 18 31.9	-0.906-.106	10.0	4
3213	1469	4.1	10 27.94	+2.9264+.0015	- 6 14 47.8	-0.915-.426	9.8	4
3214	2375	10	10 54.76	+1.7245+.0020	-45 16 48.1	-0.954-.251	10.0	2
3215	2898	7.1	11 1.97	+2.3149+.0020	-29 34 35.3	-0.965-.337	10.3	6
3216	561	4.9	11 3.35*	+0.1342-.0004	-65 34 4.8*	-0.967-.019	10.0	8
3217	567	8.6	11 9.84	+0.7389+.0009	-60 13 50.6	-0.976-.107	9.9	4
3218	2292	7.6	11 22.36	+1.8861+.0020	-41 38 1.2	-0.994-.274	9.9	4
3219	2958	7.6*	11 30.12	+2.2761+.0020	-30 49 29.6	-1.006-.331	10.3	6
3220	570	8.6	11 32.16	+0.7412+.0008	-60 12 29.2	-1.009-.107	9.9	4
3221	2909	7.3	11 32.60	+2.3224+.0020	-29 20 10.2	-1.009-.338	10.1	5
3222	607	6.8	11 36.46	+0.6197+.0006	-61 26 52.0	-1.015-.090	9.9	4
3223	1806	6.8	11 37.05	+1.3862+.0017	-51 38 20.7	-1.016-.201	10.0	4
3224	564	8.1	11 38.94	+0.1407-.0006	-65 31 22.5	-1.018-.020	10.2	4
3225	2322	8.8	11 51.58	+1.8188+.0020	-43 12 36.9	-1.037-.264	10.0	4
3226	565	7.1	11 58.05	+0.1429-.0007	-65 30 30.3	-1.046-.020	9.9	4
3227	566	8.5	12 1.18	+0.1426-.0007	-65 30 40.0	-1.051-.020	10.0	4
3228	1811	9.3	12 7.92	+1.3914+.0017	-51 33 24.2*	-1.061-.202	10.0	4,3
3229	1038	6.5*	12 8.09	+1.0262+.0012	-56 53 23.2	-1.061-.149	10.0	4
3230	580	8.1*	12 10.39	-0.5422-.0031	-69 44 10.2	-1.064+.079	10.4	4
3231	2278	8.1	12 20.41	+1.6424+.0019	-46 58 54.4	-1.079-.239	9.9	4
3232	2936	6.6	12 29.22	+2.3096+.0019	-29 45 26.8	-1.092-.336	10.0	4
3233	457	7.9	12 39.56	-1.2888-.0069	-72 59 18.0	-1.107+.188	10.3	4
3234	2335	8.6	12 48.76	+1.8218+.0020	-43 8 48.6	-1.120-.265	10.0	4
3235	374	5.1	12 55.34*	-1.8123-.0102	-74 43 21.2*	-1.130+.264	10.0	8
3236	1364	6.0	13 16.33	+2.5151+.0018	-22 40 32.4	-1.160-.366	9.9	4
3237	1365	7.0*	13 20.68	+2.5242+.0018	-22 20 26.2	-1.167-.367	10.0	4
3238	2800	4.5	13 20.95	+2.1345+.0020	-35 6 36.6	-1.167-.310	10.2	24,23
3239	3862	6.8	13 29.68	+2.4774+.0018	-24 2 25.2	-1.180-.360	10.0	4
3240	2491	6.1	13 37.17	+1.9833+.0020	-39 13 51.5	-1.190-.288	10.1	4
3241	2889	6.8	13 38.38	+2.3957+.0019	-26 53 59.2	-1.192-.348	10.0	4
3242	504	7.6	13 42.76	-0.0178-.0018	-66 39 5.3	-1.199+.003	10.0	4
3243	506	9.3	13 46.07	-0.0354-.0019	-66 46 12.5	-1.204+.006	10.3	4
3244	2707	5.6	13 57.44	+2.0413+.0020	-37 42 20.8	-1.220-.296	10.3	6
3245	2346	7.4	14 2.78	+1.8018+.0019	-43 36 37.3	-1.228-.262	9.9	4
3246	2708	6.0	14 4.22	+2.0594+.0020	-37 13 7.1	-1.230-.299	10.0	4
3247	2998	7.5*	14 27.06	+2.2720+.0019	-30 58 25.8	-1.263-.330	10.2	7
3248	243	6.9	14 34.38	-2.7408-.0195	-77 4 43.4	-1.274+.399	10.0	4
3249	2372	7.9	14 47.30	+1.9285+.0019	-40 37 24.5	-1.293-.280	9.9	4
3250	368	7.5	14 52.07	-1.9237-.0132	-75 3 17.8	-1.300+.280	10.0	4

3216S.P. $3^s.31$, $6''.8$, 9.5, 8.

3228 ($21''.8$).

3235S.P. $55^s.53$, $21''.2$, 9.7, 11, 10, ($17''.8$).

No.	Name	Mag.	R. A. 1910	Prec. and Sec. Var.	Decl. 1910	Prec. and Sec. Var.	Epoch.	No. Obs.
		M	h m s	s s	° ′ ″	″ ″		
3251	618	8.0	6 14 59.56	+0.8373+.0005	−59 10 47.1	−1.310−.121	9.9	4
3252	176	8.3	15 0.10	−6.3788−.0663	−81 58 8.0	−1.311+.929	9.9	4
3253	619	6.4	15 3.86	+0.8381+.0005	−59 10 16.2	−1.317−.121	9.9	4
3254	175	7.3*	15 11.66*	−5.3846−.0519	−81 2 22.5*	−1.328+.784	9.9	3
3255	3906	7.1	15 14.88	+2.4514+.0018	−24 58 32.4	−1.333−.356	9.8	4
3256	979	7.7	15 22.13	+1.1411+.0011	−55 22 45.8	−1.343−.165	9.9	4
3257	3915	7.2	15 34.56	+2.4526+.0018	−24 56 13.6	−1.361−.356	9.8	4
3258	3914	8.3	15 34.96	+2.4531+.0018	−24 55 10.8	−1.362−.356	9.9	4
3259	2569	7.3	15 35.62	+1.9984+.0019	−38 51 22.7	−1.363−.290	9.9	4
3260	507	7.3	15 35.84	+0.0411−.0022	−66 15 30.6	−1.363−.005	10.0	4
3261	1842	9.3	15 36.86	+1.4002+.0015	−51 26 4.5	−1.365−.203	10.0	4
3262	1843	7.7	15 39.55	+1.4021+.0015	−51 24 17.2	−1.369−.203	10.0	4
3263	1055	7.1	15 47.75	+1.2413+.0012	−53 56 34.1	−1.381−.180	10.0	4
3264	1379	6.3*	15 50.44	+2.5321+.0018	−22 3 52.5	−1.384−.368	10.1	4
3265	902	6.1	15 52.59	+1.3227+.0013	−52 41 46.3	−1.388−.192	10.3	4
3266	2242	8.4	15 55.88	+1.5570+.0016	−48 39 42.3	−1.392−.226	10.1	4
3267	1056	6.8	16 11.32	+1.2695+.0012	−53 31 21.4	−1.415−.184	10.0	4
3268	2324	7.6	16 13.35	+1.9122+.0019	−41 2 10.4	−1.418−.278	10.5	4
3269	425	7.2	16 19.93	−0.9398−.0077	−71 37 19.3	−1.427+.138	10.0	4
3270	2795	5.8	16 26.36	+2.1613+.0019	−34 21 25.8	−1.437−.314	10.5	6
3271	426	6.5	16 32.32	−0.9507−.0079	−71 40 10.5	−1.445+.139	10.1	4
3272	2169	6.9	16 34.84	+1.4659+.0015	−50 19 14.0	−1.449−.212	10.1	4
3273	1057	7.6	16 38.70	+1.2651+.0012	−53 35 34.1	−1.455−.183	10.0	4
3274	463	8.7	16 41.35	−1.1450−.0093	−72 27 42.5	−1.458+.167	10.2	4
3275	3008	7.8	16 46.26	+2.3037+.0019	−29 58 40.4	−1.466−.334	10.5	4
3276	2524	6.6	16 50.04	+1.9759+.0019	−39 26 46.8	−1.471−.286	10.0	4
3277	3729	6.6*	16 51.07	+2.4904+.0018	−23 35 43.8	−1.473−.361	10.2	4
3278	3038	3.1	16 51.46	+2.3023+.0019	−30 1 22.5	−1.473−.334	10.2	16,22
3279	2525	8.2	16 52.74	+1.9762+.0019	−39 26 23.0	−1.475−.287	10.0	4
3280	360	6.8	16 53.32	−1.4537−.0117	−73 35 33.5	−1.476+.212	10.5	4
3281	1054	8.0	16 56.72	+1.0233+.0006	−56 57 41.0	−1.481−.148	10.0	4
3282	2531	7.9	17 15.15	+1.9863+.0019	−39 11 3.1	−1.508−.288	10.2	4
3283	590	7.7	17 18.60	−0.4060−.0051	−69 2 20.0	−1.513+.060	10.2	4
3284	541	7.3	17 19.16	+0.3412−.0016	−63 59 32.2	−1.513−.049	10.4	4
3285	2806	5.6	17 20.86	+2.1702+.0019	−34 6 12.2	−1.516−.315	10.2	5,4
3286	3021	7.4	17 27.70	+2.3147+.0018	−29 37 37.3	−1.526−.336	10.0	4
3287	1304	3.2	17 30.96	+3.6261−.0006	+22 33 37.9	−1.531−.526	10.1	24,30
3288	143	7.4	17 43.17*	−6.4277−.0803	−82 0 58.9*	−1.548+.935	10.0	3
3289	2259	6.6*	17 43.92	+1.5562+.0015	−48 41 35.0	−1.549−.226	10.0	4
3290	1389	8.4	17 45.21	+2.5297+.0017	−22 9 57.5	−1.551−.367	10.0	4
3291	1488	5.1	17 58.09	+4.6234−.0053	+49 20 4.6	−1.570−.671	10.2	5
3292	3031	7.7*	18 1.42	+2.3307+.0018	−29 6 31.1	−1.575−.338	9.9	4
3293	2600	8.3	18 7.51	+1.7519+.0017	−44 44 55.7	−1.584−.254	10.0	4
3294	2188	6.6	18 8.60	+1.5366+.0015	−49 3 43.7	−1.585−.222	10.0	4
3295	2344	8.0	18 11.30	+1.6620+.0016	−46 38 5.8	−1.589−.241	10.1	4
3296	908	7.0	18 32.38	+1.3659+.0012	−52 1 37.4	−1.620−.198	10.2	4
3297	2606	7.6	18 33.45	+1.7537+.0017	−44 42 55.2	−1.621−.254	10.0	4
3298	2607	8.4	18 41.49	+1.7530+.0017	−44 43 49.6	−1.633−.254	10.0	4
3299	1467	2.0	18 44.17	+2.6420+.0016	−17 54 38.6*	−1.637−.383	10.2	20,26
3300	464	10.0	18 46.05	−1.1837−.0112	−72 37 23.3	−1.640+.173	10.3	4

3254S.P. $12^s.14$, $24''.4$, 9.4, 1.

3288S.P. $42^s.87$, $59''.0$, 9.6, 1.

3299 ($35''.9$).

No.	Name	Mag.	R. A. 1910	Prec. and Sec. Var.	Decl. 1910	Prec. and Sec. Var.	Epoch.	No. Obs.
		M	h m s	s s	° ′ ″	″ ″		
3301	2927	4.0	6 18 49.40	+2.1946+.0019	-33 23 25.4	-1.645-.318	10.4	15
3302	3037	8.3	18 50.75	+2.3093+.0018	-29 48 51.1	-1.646-.335	10.1	4
3303	2822	7.4*	18 51.72	+2.1400+.0019	-34 59 55.2	-1.648-.310	10.2	4
3304	144	7.6	18 54.58*	-6.5597-.0889	-82 7 39.2*	-1.652+.954	9.8	3
3305	593	7.8	18 58.71	-0.4189-.0060	-69 7 13.0	-1.658+.062	10.2	4
3306	1236	4.5	18 59.94	+3.1806+.0005	+ 4 38 21.0	-1.660-.461	10.1	7,11
3307	631	6.9	19 2.33	+0.6411-.0008	-61 17 19.5	-1.663-.092	10.2	4
3308	548	6.7	19 5.28	+0.3681-.0019	-63 46 56.5	-1.668-.053	10.3	4
3309	2554	7.8	19 13.77	+1.9874+.0018	-38 10 24.0	-1.680-.288	10.4	4
3310	2930	7.9	19 14.28	+2.1802+.0019	-33 49 27.2	-1.681-.316	10.2	4
3311	250	8.3	19 17.45	-2.7025-.0268	-77 0 54.3	-1.685+.394	10.5	4
3312	909	7.5	19 25.55	+1.3298+.0011	-52 37 3.0	-1.697-.192	10.1	4
3313	2935	7.2	19 36.72	+2.1889+.0018	-33 34 4.8	-1.713-.317	10.0	4
3314	1874	6.8	19 42.40	+1.4170+.0012	-51 11 32.2	-1.722-.205	10.0	4
3315	2977	7.0	19 48.39	+2.4136+.0018	-26 19 56.1	-1.730-.350	10.1	4
3316	469	8.0	19 48.91	-1.0474-.0109	-72 5 28.4	-1.731+.153	10.4	4
3317	2467	6.9	19 50.42	+1.6979+.0016	-45 54 52.3	-1.733-.246	10.3	4
3318	3096	7.6*	19 51.02	+2.2757+.0018	-30 53 54.9	-1.734-.330	10.2	4
3319	3245	6.4	19 52.30	+2.2488+.0018	-31 44 35.7	-1.736-.326	10.1	4
3320	2833	6.6	20 0.22	+2.1421+.0018	-34 56 58.0	-1.747-.310	10.1	4
3321	3055	7.0	20 1.60	+2.3097+.0018	-29 48 48.6	-1.749-.335	10.4	4
3322	598	6.9	20 3.92	-0.5348-.0073	-69 44 35.4	-1.753+.079	10.5	4
3323	1066	6.5	20 4.08	+1.0751+.0004	-56 18 59.4	-1.753-.155	10.3	4
3324	619	7.9	20 7.04	+0.5359-.0014	-62 18 31.9	-1.757-.077	10.2	4
3325	522	8.8	20 8.51	+0.0095-.0040	-66 30 33.9	-1.759-.001	10.1	4
3326	637	7.2	20 16.01	+0.7690-.0006	-59 58 35.5	-1.770-.111	9.9	4
3327	3189	5.7	20 16.53	+2.4368+.0017	-25 31 42.3	-1.771-.353	10.5	4
3328	2472	6.7	20 20.97	+1.7141+.0016	-45 34 55.5	-1.778-.248	10.4	4
3329	2944	7.4	20 21.77	+2.1990+.0018	-33 16 22.5	-1.779-.318	10.6	8
3330	1070	7.0	20 23.08	+1.2874+.0009	-53 17 18.3	-1.781-.186	10.2	4
3331	2491	9.4	20 25.26	+1.8622+.0017	-42 16 41.1	-1.784-.270	10.3	4
3332	2993	6.9	20 35.88	+2.4119+.0017	-26 23 45.5	-1.799-.349	10.2	4
3333	2869	7.0	20 38.83	+2.0708+.0018	-36 57 58.5	-1.803-.300	10.0	4
3334	179	8.1*	20 51.59*	-5.8459-.0829	-81 30 45.4*	-1.822+.850	9.9	3
3335	2873	5.7	20 53.65	+2.0820+.0018	-36 39 36.6	-1.825-.301	10.0	9
3336	2875	6.9	20 58.76	+2.0822+.0018	-36 39 13.0	-1.832-.301	10.0	4
3337	2577	7.9*	21 6.30	+1.9695+.0018	-39 39 12.5	-1.843-.285	10.0	4
3338	2981	6.5	21 14.05	+2.3432+.0018	-28 43 37.2	-1.855-.339	10.0	4
3339	1072	5.7	21 19.48	+1.0757+.0003	-56 19 16.4	-1.862-.155	10.0	4
3340	2481	7.8	21 22.27	+1.6994+.0016	-45 54 6.9	-1.867-.246	10.0	4
3341	604	6.6	21 23.47	+0.7518-.0008	-60 10 21.5	-1.868-.108	10.2	4
3342	913	5.9	21 35.39	+1.3615+.0010	-52 7 52.8	-1.886-.197	10.2	4
3343	2885	8.1	21 38.71	+2.0864+.0018	-36 32 49.4	-1.890-.302	10.1	4
3344	2503	6.8	21 39.34	+1.8398+.0017	-42 49 0.0	-1.891-.266	9.9	4
3345	2440	6.3	21 49.25	+1.9470+.0018	-40 13 58.9	-1.906-.282	10.0	4
3346	2202	7.7	21 55.90	+1.4599+.0011	-50 28 48.3	-1.915-.211	10.0	4
3347	914	0.9	21 57.22	+1.3297+.0009	-52 38 46.1	-1.917-.192	10.1	33
3348	3090	6.7	22 12.06	+2.3153+.0018	-29 39 2.5	-1.939-.335	10.5	8
3349	2864	6.2	22 17.27	+2.1408+.0018	-35 0 39.3	-1.946-.310	10.0	4
3350	2868	8.7	22 24.77	+2.1417+.0018	-34 59 8.1	-1.957-.310	10.0	5

3304S.P. 54^{s}.13, 40^{n}.0, 9.4, 1.

3334S.P. 51^{s}.56, 45^{n}.8, 9.4, 1.

No.	Name	Mag.	R. A. 1910	Prec. and Sec. Var.	Decl. 1910	Prec. and Sec. Var.	Epoch.	No. Obs.
		M	h m s	s s	° ′ ″	″ ″		
3351	2868	7.7	6 22 25.02	+2.1417+.0018	-34 59 11.0	-1.958-.310	10.0	4
3352	692	6.6	22 25.62	+0.9027-.0004	-58 29 38.1	-1.958-.130	9.8	4
3353	561	6.2	22 26.76	+0.3893-.0027	-63 38 2.0	-1.960-.056	10.0	4
3354	919	6.3	22 49.14	+1.3235+.0008	-52 45 16.0	-1.993-.191	9.9	4
3355	2453	6.7	22 53.55	+1.9198+.0017	-40 55 18.9	-1.999-.278	10.0	4
3356	608	6.0	23 6.99	+0.7480-.0012	-60 13 49.2	-2.018-.108	10.0	4
3357	2405	8.1	23 19.20	+1.8929+.0017	-41 34 58.4	-2.036-.274	10.0	4
3358	2308	5.9	23 20.61	+1.5896+.0013	-48 7 22.4	-2.038-.230	10.1	4
3359	2982	7.2*	23 20.85	+2.1972+.0018	-33 21 42.1*	-2.039-.318	10.4	6,5
3360	607	5.6	23 29.37*	-0.5670-.0094	-69 56 4.0*	-2.051+.083	10.1	8
3361	1526	5.0	23 30.90	+2.9631+.0008	- 4 42 21.7	-2.053-.429	10.1	4
3362	3237	6.0	23 33.74	+2.4300+.0017	-25 47 44.9	-2.057-.351	10.2	4
3363	1441	4.1	23 37.16	+3.5634-.0012	+20 16 11.2	-2.062-.516	10.1	9,23
3364	3046	7.2	23 44.67	+2.2384+.0018	-32 6 32.8	-2.073-.324	10.5	6
3365	568	6.5	23 48.69	+0.4212-.0028	-63 22 25.2	-2.079-.060	10.2	4
3366	2837	6.5	24 3.95	+2.0401+.0018	-37 50 26.9	-2.101-.295	9.9	4
3367	588	7.8	24 5.46	+0.1394-.0045	-65 37 28.1	-2.103-.019	10.1	4
3368	3053	8.0	24 5.56	+2.2238+.0018	-32 33 43.7	-2.103-.322	10.0	4
3369	925	8.1	24 6.88	+1.3343+.0007	-52 35 55.9	-2.105-.192	10.0	4
3370	514	8.1	24 17.10	-0.7638-.0115	-70 53 37.0	-2.120+.112	10.3	5
3371	572	6.4	24 22.27	+0.3750-.0032	-63 46 28.5	-2.128-.053	10.0	4
3372	3012	7.6	24 30.27	+2.3930+.0017	-27 5 10.7	-2.139-.346	10.2	4
3373	3066	4.5	24 49.96	+2.2254+.0018	-32 31 22.3	-2.168-.322	10.1	10
3374	2416	7.6	24 55.49	+1.9146+.0016	-41 4 35.4	-2.176-.276	10.0	4
3375	515	7.9	24 56.88	-0.6042-.0105	-70 8 2.1	-2.178+.089	10.0	4
3376	930	8.1	25 12.69	+1.3173+.0006	-52 52 55.2	-2.201-.190	9.9	4
3377	1038	8.4*	25 12.76	+1.1771+.0002	-54 58 37.1	-2.201-.170	10.0	4
3378	3072	5.8	25 18.28	+2.2324+.0017	-32 18 45.4	-2.209-.322	10.6	10
3379	2523	8.5	25 27.57	+1.7181+.0014	-45 33 37.6	-2.222-.248	10.0	4
3380	1429	6.7	25 38.53	+2.5216+.0015	-22 31 52.6	-2.238-.364	10.2	4
3381	1001	5.7	25 38.64	+0.9518-.0007	-57 56 39.8	-2.238-.137	10.4	5
3382	2528	8.5	25 42.11	+1.7149+.0014	-45 37 55.7	-2.243-.247	10.0	4
3383	2482	6.4	25 49.47	+1.9175+.0016	-41 0 56.5	-2.254-.277	9.8	4
3384	226	8.5	26 6.52	-3.3731-.0495	-78 21 37.2	-2.279+.490	10.0	4
3385	625	6.9	26 8.80	+0.7094-.0019	-60 40 14.5	-2.282-.102	10.1	4
3386	2486	7.4	26 11.58	+1.9461+.0016	-40 18 44.1	-2.286-.281	10.2	5
3387	516	9.3	26 13.32	-0.7709-.0128	-70 56 35.6	-2.289+.113	10.1	4
3388	614	5.4	26 14.78*	-0.5049-.0103	-69 38 20.1*	-2.291+.074	10.1	9
3389	2487	7.8	26 17.02	+1.9458+.0016	-40 19 11.3	-2.294-.281	10.3	5,4
3390	2538	7.7	26 18.11	+1.7112+.0014	-45 43 3.2*	-2.295-.247	10.0	4
3391	227	7.5	26 36.14	-3.7664-.0582	-79 0 56.8	-2.322+.547	10.0	4
3392	3357	7.4*	26 36.20	+2.2714+.0017	-31 6 46.3	-2.322-.328	9.9	4
3393	646	6.8	26 57.76	+0.5669-.0028	-62 5 26.5	-2.353-.081	9.8	4
3394	653	7.6	27 4.73	+0.8144-.0015	-59 33 26.7	-2.363-.117	9.9	4
3395	1005	8.2	27 5.36	+1.1156-.0002	-55 51 23.8	-2.364-.160	9.9	4
3396	3051	5.8	27 12.45	+2.3756+.0016	-27 42 23.8	-2.374-.343	10.2	8
3397	2240	9.0	27 35.32	+1.4817+.0008	-50 10 21.3	-2.407-.213	9.9	5
3398	2241	5.3	27 36.28	+1.4816+.0008	-50 10 30.3	-2.409-.213	9.9	5
3399	2921	7.1	27 38.52	+2.1457+.0017	-34 56 14.3	-2.412-.309	10.3	6
3400	2508	6.7	27 45.66	+1.9441+.0016	-40 23 4.5	-2.422-.280	10.0	4

3360S.P. $29^s.39$, $4''.7$, 9.9, 9.

3359 ($40''.0$)

3388S.P. $14^s.78$, $19''.8$, 9.8, 13.

3390 $2''.4$, $2''.2$, $3''.1$, $4''.9$

No.	Name	Mag.	R. A. 1910	Prec. and Sec. Var.	Decl. 1910	Prec. and Sec. Var.	Epoch.	No. Obs.
		M	h m s	s s	° ′ ″	″ ″		
3401	635	9.8	6 27 46.01	+0.7303−.0020	−60 28 23.3	−2.423−.105	10.0	4
3402	1095	5.2	27 54.87	+1.0461−.0006	−56 47 27.5	−2.436−.150	10.0	4
3403	2947	5.8	28 0.75	+2.1370+.0017	−35 11 40.1	−2.444−.308	10.5	6
3404	2442	7.6	28 2.02	+1.9082+.0016	−41 16 33.1	−2.446−.275	9.9	4
3405	3121	6.6	28 4.51	+2.2176+.0017	−32 48 13.8	−2.450−.320	10.2	4
3406	3991	4.4	28 6.31	+2.4998+.0015	−23 21 11.8	−2.452−.361	10.4	4
3407	2512	6.1	28 6.60	+1.9255+.0016	−40 51 7.4	−2.452−.278	10.0	4
3408	2518	6.7	28 22.08	+1.8073+.0014	−43 39 10.8	−2.475−.260	9.9	4
3409	2962	6.3	28 27.88	+2.0777+.0017	−36 52 35.0	−2.483−.300	10.0	4
3410	2882	7.5	28 38.95	+2.0694+.0016	−37 6 26.7	−2.499−.298	10.3	6
3411	662	6.7	28 41.67	+0.8191−.0018	−59 31 36.4	−2.503−.117	10.0	4
3412	3078	7.0*	29 10.52	+2.3872+.0016	−27 20 21.0	−2.545−.344	9.9	4
3413	1946	5.6	29 12.18	+1.3903+.0005	−51 45 45.2	−2.547−.200	10.0	4
3414	3407	7.7	29 14.91	+2.2454+.0017	−31 57 53.1	−2.551−.324	9.9	4
3415	2889	5.3	29 16.24	+2.0507+.0016	−37 37 39.7	−2.553−.295	10.3	6
3416	3407	5.7	29 16.84	+2.2454+.0017	−31 57 47.1	−2.554−.324	10.3	6
3417	2527	8.5	29 31.76	+1.8169+.0014	−43 27 12.3	−2.576−.262	10.1	5,4
3418	2580	7.2	29 43.09	+1.7361+.0013	−45 14 30.5	−2.592−.250	9.9	4
3419	610	6.4	29 48.56	+0.1642−.0062	−65 30 16.5	−2.600−.023	10.0	4
3420	2730	7.2	29 55.82	+1.7861+.0013	−44 9 9.2	−2.610−.257	10.0	4
3421	3128	7.2	30 2.14	+2.4188+.0016	−26 15 36.9	−2.620−.348	10.0	4
3422	2730	6.4	30 8.73	+2.0166+.0016	−38 33 20.4	−2.629−.290	10.3	11
3423	2534	7.8	30 12.57	+1.8150+.0014	−43 30 27.5	−2.635−.261	9.9	4
3424	669	6.3	30 16.89	+0.6006−.0033	−61 48 45.9	−2.641−.086	10.0	4
3425	657	8.5	30 34.77	+0.5528−.0036	−62 16 14.5	−2.667−.079	10.0	4
3426	2361	6.9	30 35.59	+1.5769+.0009	−48 28 19.1	−2.668−.227	10.0	4
3427	2594	8.1	30 37.23	+1.7337+.0012	−45 18 32.0	−2.670−.249	10.0	4
3428	2268	7.7	30 37.38	+1.4712+.0006	−50 24 15.2	−2.671−.211	10.1	4
3429	722	5.8	30 37.92	+0.8954−.0017	−58 41 8.2*	−2.671−.128	10.1	4
3430	3225[1]	8.2	30 39.14	+2.3215+.0016	−29 33 22.3	−2.673−.334	10.1	4
3431	3225[2]	7.2	30 39.17	+2.3214+.0016	−29 33 30.4	−2.673−.334	10.1	4
3432	2990	5.4	30 40.12	+2.1044+.0016	−36 9 51.2	−2.674−.303	10.2	10
3433	1012	7.9	30 50.55	+1.1400−.0006	−55 34 38.5	−2.690−.163	10.0	4
3434	558	7.0	31 3.08	−0.0175−.0081	−66 48 12.1	−2.708+.004	10.0	4
3435	3168	5.6	31 15.03	+2.2243+.0016	−32 38 40.9	−2.725−.320	9.9	4,3
3436	1458	4.5	31 17.01	+2.5134+.0014	−22 53 34.8	−2.728−.362	10.0	13
3437	2594	7.2	31 21.08	+1.8794+.0014	−42 1 35.2	−2.734−.270	10.0	4
3438	947	6.1	31 24.00	+1.3621+.0002	−52 15 33.6	−2.738−.196	10.0	4
3439	3241	7.0	31 26.54	+2.3076+.0016	−30 1 11.4	−2.742−.332	10.3	4
3440	3080	6.7*	31 26.99	+2.1817+.0016	−33 56 17.6	−2.742−.314	10.1	4
3441	3380	7.9	31 34.04	+2.4335+.0015	−25 46 3.2	−2.752−.350	10.0	4
3442	1514	6.5	31 42.42	+2.5368+.0014	−22 2 7.3	−2.764−.365	10.0	4
3443	1056	8.1	31 47.19	+1.2477−.0002	−54 2 45.9	−2.771−.179	10.2	4
3444	2965	7.3	31 47.20	+2.1466+.0016	−34 58 36.4	−2.771−.309	10.4	6
3445	673	6.7	31 51.82	+0.6085−.0035	−61 45 29.3	−2.778−.086	10.4	4
3446	534	8.0	32 10.90	−0.2106−.0103	−68 2 54.5	−2.806+.032	10.5	4
3447	533	7.4	32 12.42	−0.6534−.0151	−70 26 52.0	−2.808+.095	10.5	4
3448	3009	5.6	32 16.44	+2.0860+.0016	−36 42 24.0	−2.814−.300	10.3	6
3449	2761	7.2	32 20.93	+2.0112+.0015	−38 44 7.5	−2.820−.289	10.0	4
3450	2456	7.3	32 23.30	+1.6386+.0010	−47 18 9.8	−2.824−.235	10.0	4

3429 8″.9, 8″.1, 9″.1, 6″.5.

No.	Name	Mag.	R. A. 1910	Prec. and Sec. Var.	Decl. 1910	Prec. and Sec. Var.	Epoch.	No. Obs.
		M	h m s	s s	° ′ ″	″ ″		
3451	3011	7.1	6 32 24.17	+2.1048+.0016	−36 11 2.0	−2.825−.302	10.3	4
3452	258	7.1*	32 25.40	−2.7628−.0494	−77 13 30.6	−2.826+.400	10.2	4
3453	1690	5.7	32 25.41	+4.1620−.0064	+39 28 15.4	−2.826−.600	10.2	8
3454	536	8.4	32 26.02	−0.3084−.0114	−68 37 42.4	−2.827+.046	10.0	4
3455	1223	1.9	32 30.80	+3.4638−.0017	+16 28 36.2	−2.834−.499	10.0	46,54
3456	3183	7.2	32 38.22	+2.3464+.0016	−28 45 38.8	−2.845−.337	9.9	4
3457	3005	6.3	32 44.38	+2.1110+.0016	−36 0 42.1	−2.854−.303	9.9	4
3458	2323	8.7	32 48.32	+1.5351+.0007	−49 17 35.2*	−2.860−.220	9.9	4
3459	2476	8.2	32 53.06	+1.9058+.0014	−41 24 51.6	−2.866−.274	10.4	4
3460	1472	6.2	32 53.92	+2.5236+.0014	−22 32 21.3	−2.868−.363	10.5	4
3461	953	4.4	32 59.50	+1.3236−.0000	−52 54 6.1	−2.876−.190	10.4	4
3462	3020	7.2	33 3.10	+2.1095+.0016	−36 3 39.3	−2.881−.303	10.2	4
3463	2387	9.2	33 4.86	+1.5830+.0008	−48 23 53.1	−2.883−.227	10.3	4
3464	3468	6.8*	33 5.38	+2.2522+.0016	−31 48 42.2	−2.884−.324	10.4	4
3465	2466	7.3	33 12.28	+1.6365+.0009	−47 21 28.8	−2.894−.235	10.3	4
3466	2295	6.8	33 21.00	+1.4843+.0005	−50 13 17.1	−2.907−.213	10.0	4
3467	3201	7.4	33 31.74	+2.3508+.0015	−28 37 43.7	−2.922−.338	10.3	6
3468	956	9.0	33 33.62	+1.3641+.0001	−52 15 50.5	−2.925−.195	10.0	4
3469	679	7.3	33 35.54	+0.6454−.0036	−61 25 22.3	−2.928−.092	10.0	4
3470	3202	7.7	33 39.69	+2.2417+.0016	−32 8 49.1	−2.934−.322	10.4	6
3471	2781	8.5	33 46.82	+1.7751+.0012	−44 27 52.7	−2.944−.255	10.0	4
3472	2782	8.6	33 49.62	+1.7701+.0012	−44 34 29.2	−2.948−.254	9.9	4
3473	2782	6.0	33 58.56	+2.0372+.0015	−38 4 13.4	−2.961−.292	10.0	4
3474	2488	6.2	33 59.88	+1.9040+.0014	−41 28 48.3	−2.963−.273	10.0	4
3475	607	7.8	34 6.32	+0.4576−.0051	−63 11 12.2	−2.972−.065	10.3	4
3476	3031	5.7	34 6.66	+2.0797+.0016	−36 54 47.7	−2.973−.298	10.1	4
3477	232	7.4	34 7.34	−3.6254−.0726	−78 50 16.8	−2.974+.524	10.2	4
3478	1023	8.4	34 8.11	+1.1660−.0008	−55 16 15.4	−2.975−.167	10.1	4
3479	681	7.5	34 8.47	+0.6786−.0035	−61 5 54.4	−2.975−.096	10.3	4
3480	1119	7.6	34 12.99	+1.1020−.0011	−56 9 7.5	−2.982−.158	10.1	4
3481	2300	7.2	34 13.64	+1.4836+.0004	−50 14 57.6	−2.983−.212	10.0	4
3482	3216	5.3	34 25.34	+2.2384+.0016	−32 15 46.1	−3.000−.321	10.0	4
3483	3219	8.4	34 27.10	+2.3576+.0015	−28 25 4.3	−3.002−.338	10.0	4
3484	2570	6.9	34 35.74	+1.8243+.0012	−43 22 23.5	−3.014−.262	9.9	4
3485	4144	6.6	34 38.10	+2.4980+.0014	−23 30 2.3	−3.018−.359	9.9	4
3486	2797	8.0*	34 46.96	+1.7562+.0011	−44 53 51.1	−3.031−.252	10.0	4
3487	2307	7.9	34 52.34	+1.4755+.0004	−50 24 15.5	−3.038−.211	10.0	4
3488	4265	9.0	34 54.79	+2.4598+.0014	−24 53 11.1	−3.042−.353	10.4	4
3489	1027	7.0	34 56.65	+1.0021−.0017	−57 27 46.5	−3.045−.143	10.3	4
3490	2576	3.2	35 0.40*	+1.8358+.0013	−43 6 59.6	−3.050−.263	10.3	27
3491	2804	7.7	35 2.49	+1.7783+.0012	−44 24 59.5	−3.053−.255	10.0	4
3492	960	7.6	35 4.51	+1.3656−.0000	−52 16 4.8	−3.056−.195	10.4	4
3493	389	7.9	35 12.63	−1.4371−.0284	−73 40 37.4	−3.068+.209	10.5	4
3494	2344	7.1	35 20.90	+1.5292+.0005	−49 26 55.7	−3.080−.219	10.0	4
3495	589	8.1	35 31.12	+0.2660−.0070	−64 48 15.1	−3.094−.037	10.0	4
3496	2970	7.2*	35 35.51	+2.0441+.0015	−37 54 52.4	−3.101−.293	10.4	6
3497	1028	6.9	35 51.07	+1.1686−.0009	−55 15 51.8	−3.123−.167	10.1	4
3498	4172	6.1	35 51.58	+2.4954+.0014	−23 36 48.0	−3.124−.358	10.2	5
3499	1220	4.7	36 1.30	+3.3048−.0012	+ 9 58 46.6	−3.138−.474	10.0	18,30
3500	744	8.0	36 1.68	+0.9518−.0021	−58 6 9.6	−3.138−.136	10.1	4

3458 34″.0, 34″.9, 35″.0, 36″.7.

3490 0^{s}.23 included.

No.	Name	Mag.	R. A. 1910	Prec. and Sec. Var.	Decl. 1910	Prec. and Sec. Var.	Epoch.	No. Obs.
		M	h m s	s s	° ′ ″	″ ″		
3501	2817[1]	9.9	6 36 5.22	+1.7536+.0011	−44 58 43.7	−3.143−.251	10.0	4
3502	2587[2]	7.4	36 5.26*	+1.8083+.0012	−43 44 36.7	−3.143−.259	10.2	4
3503	2817[2]	7.6	36 6.09	+1.7534+.0011	−44 58 59.4	−3.145−.251	10.0	4
3504	4178	8.4	36 11.20	+2.4953+.0014	−23 37 16.3	−3.152−.358	10.5	4
3505	2416	8.3	36 12.69	+1.5997+.0007	−48 8 11.6	−3.154−.229	10.0	4
3506	2417	5.0	36 13.58	+1.5996+.0007	−48 8 21.6	−3.155−.229	10.0	4
3507	3386	5.8	36 15.75	+2.2988+.0015	−30 22 58.8	−3.159−.330	10.5	4
3508	185	9.0	36 16.06*	−4.7868−.1122	−80 28 5.1*	−3.159+.690	10.0	2
3509	966	6.5	36 23.36	+1.3308−.0003	−52 51 5.1	−3.170−.190	10.2	4
3510	2592	7.3	36 42.23	+1.8274+.0012	−43 20 39.0	−3.197−.262	10.0	4
3511	2817	6.6	36 52.90	+2.0391+.0015	−38 4 28.5	−3.212−.292	10.0	8
3512	186	8.7	36 54.78*	−4.8277−.1156	−80 31 14.8*	−3.215+.696	10.0	2
3513	3270	7.2	37 1.38	+2.3659+.0015	−28 10 49.6	−3.224−.339	10.5	8
3514	746	7.9	37 1.97	+0.9405−.0024	−58 15 25.8	−3.225−.134	10.0	4
3515	2596	7.0	37 2.31	+1.8287+.0012	−43 19 9.7	−3.226−.262	10.0	4
3516	688	6.3	37 2.70	+0.6480−.0043	−61 27 12.7	−3.226−.092	10.1	4
3517	676	7.2	37 28.51	+0.7794−.0034	−60 6 1.2	−3.263−.111	10.2	4
3518	2603	8.6	37 30.86	+1.8080+.0011	−43 48 6.5	−3.267−.259	10.0	4
3519	976	7.0	37 36.91	+1.3388−.0003	−52 44 54.0	−3.275−.191	10.1	4
3520	1495	6.8	37 37.62	+2.5866+.0012	−20 13 50.8	−3.276−.370	10.7	4
3521	748	8.5	37 37.83	+0.8996−.0026	−58 45 9.4	−3.277−.128	10.1	4
3522	3412	7.2*	37 41.39	+2.2941+.0015	−30 33 36.1	−3.282−.328	10.1	4
3523	4328	7.9	37 44.55	+2.4774+.0014	−24 17 48.8	−3.286−.355	9.9	1
3524	1133	7.2	37 46.27	+1.2996−.0005	−53 22 0.4	−3.289−.185	10.2	4
3525	3211	7.2	38 10.70	+2.3851+.0014	−27 32 49.2	−3.324−.341	10.0	4
3526	631	7.3	38 15.96	+0.1122−.0093	−66 0 10.9	−3.332−.015	10.0	4
3527	2625	6.1	38 18.07	+1.9564+.0013	−40 15 48.6	−3.334−.280	10.1	4
3528	2520	6.6	38 20.47	+1.6327+.0007	−47 32 8.1	−3.338−.233	10.2	4
3529	2626	8.0	38 21.80	+1.9587+.0014	−40 12 21.7	−3.340−.280	10.1	4
3530	2521	6.5	38 22.73	+1.6300+.0007	−47 35 17.7	−3.341−.233	10.2	4
3531	1406	3.2	38 23.74	+3.6932−.0038	+25 13 15.1*	−3.343−.529	10.1	35,50
3532	684	7.8	38 27.34	+0.7608−.0037	−60 19 3.3	−3.348−.108	10.1	4
3533	270	6.7	38 28.75	−2.9240−.0636	−77 36 26.4	−3.350+.422	10.3	4
3534	2028	8.6	38 36.67	+1.4115−.0001	−51 34 46.9	−3.361−.201	10.0	4
3535	543	7.2	38 38.34	−0.6519−.0189	−70 31 10.8	−3.364+.095	10.1	4
3536	4239[1]	7.1*	38 41.69	+2.5094+.0013	−23 8 40.0	−3.368−.359	10.0	4
3537	1505[1]	6.3*	38 58.52	+2.5307+.0013	−22 21 44.4	−3.393−.362	9.9	4
3538	1505[2]	9.0	38 59.35	+2.5306+.0013	−22 21 58.9	−3.394−.362	9.9	4
3539	686[1]	9.1	39 3.16	+0.8774−.0030	−59 2 13.4	−3.399−.124	10.3	4
3540	2844[1]	9.2	39 12.80	+2.0321+.0014	−38 18 35.8	−3.413−.290	10.0	4
3541	2844[2]	6.3	39 13.53	+2.0321+.0014	−38 18 36.8	−3.414−.290	10.0	4
3542	981	7.7	39 18.49	+1.3497−.0004	−52 36 32.3	−3.421−.192	10.0	4
3543	2538	8.8	39 22.17	+1.9000+.0012	−41 41 3.3	−3.427−.271	10.3	4
3544	3298	6.8	39 22.56	+2.2297+.0015	−32 37 24.9	−3.427−.319	10.5	6
3545	2539	7.6	39 29.04	+1.9019+.0012	−41 38 23.1	−3.436−.272	10.3	4
3546	3388	7.1	39 35.56	+2.3383+.0015	−29 8 50.9	−3.446−.334	10.1	4
3547	3331	7.0	39 37.01	+2.3648+.0014	−28 15 44.4	−3.448−.338	10.0	4
3548	2683	7.9	39 39.48	+1.8669+.0012	−42 28 58.6	−3.451−.266	10.0	4
3549	2543	7.7	39 43.58	+1.8986+.0012	−41 43 31.5	−3.457−.271	10.1	4
3550	2856	8.7	39 58.39	+2.0115+.0014	−38 52 27.5	−3.479−.287	10.0	4

3508 S.P. $15^s.08$, $7''.3$, 9.4, 2.

3502 $5^s.42$, $5^s.16$, $5^s.26$, $5^s.19$.

3512 S.P. $54^s.49$, $15''.6$, 9.4, 2.

3531 ($13''.2$, $18''.2$)

No.	Name	Mag.	R. A. 1910	Prec. and Sec. Var.	Decl. 1910	Prec. and Sec. Var.	Epoch.	No. Obs.
		M	h m s	s s	° ′ ″	″ ″		
3551	3546	6.8	6 40 13.58	+2.4465+.0014	−25 26 37.6	−3.500−.350	10.2	4
3552	1396	3.4	40 14.30	+3.3762−.0020	+12 59 35.7	−3.501−.483	10.3	17,28
3553	1595	5.3	40 15.21	+4.3286−.0100	+43 40 4.2	−3.503−.620	10.3	10
3554	3238	7.4	40 18.72	+2.3876+.0014	−27 30 0.2	−3.508−.341	10.2	4
3555	2798	6.3	40 23.02	+2.0032+.0014	−39 6 6.2	−3.514−.286	10.0	8
3556	2357	6.9*	40 35.26	+1.4845+.0001	−50 21 40.5	−3.532−.212	9.9	4
3557	3484	5.2	41 2.96	+2.2831+.0015	−30 58 39.8	−3.571−.326	10.5	8
3558	1088	7.9	41 6.42	+1.1929−.0013	−55 1 26.7	−3.576−.170	10.0	4
3559	1047	8.2	41 9.27	+1.1286−.0017	−55 55 29.9	−3.580−.160	10.0	4
3560	1591	−1.6	41 10.86	+2.6807+.0009	−16 35 31.7	−3.583−.383	10.0	37,49
3561	644	7.9	41 12.22	+0.2036−.0093	−65 22 37.2	−3.585−.028	10.2	4
3562	3248	6.4	41 16.32	+2.3952+.0014	−27 15 19.3	−3.590−.342	10.0	4
3563	704	8.5	41 22.84	+0.6873−.0048	−61 8 14.2	−3.600−.097	10.0	4
3564	762	7.8	41 28.54	+0.9364−.0029	−58 23 32.1	−3.608−.133	10.1	4
3565	706	7.1	41 31.86	+0.6348−.0053	−61 39 54.0	−3.613−.090	10.2	4
3566	3495	6.5	41 35.66	+2.2985+.0014	−30 29 32.0	−3.618−.328	10.0	4
3567	4325	6.2	41 38.05	+2.5046+.0013	−23 22 6.4	−3.622−.358	10.1	4
3568	3634	7.2	41 43.35	+2.2652+.0015	−31 33 36.4	−3.629−.323	10.1	4
3569	272	8.5	41 59.63	−2.8314−.0674	−77 27 8.5	−3.653+.407	10.1	4
3570	3640	5.9	42 0.85	+2.2613+.0014	−31 41 26.5	−3.654−.323	10.4	6
3571	552	7.5	42 2.48*	−0.6510−.0208	−70 33 45.9	−3.657+.095	10.3	3,4
3572	3505[1]	8.4	42 4.98	+2.2875+.0015	−30 51 18.2	−3.660−.326	10.0	5
3573	3505[2]	6.1	42 5.28	+2.2876+.0015	−30 51 14.0	−3.661−.326	10.3	6
3574	476	6.4	42 18.96	−0.8959−.0250	−71 41 0.8	−3.680+.130	10.4	5
3575	1096	6.8	42 20.02	+1.2215−.0013	−54 38 13.5	−3.682−.174	10.0	4
3576	3130	8.0	42 20.52	+2.0914+.0014	−36 45 14.3	−3.683−.298	9.9	4
3577	1097	6.6	42 22.83	+1.2240−.0013	−54 36 5.3	−3.686−.174	10.0	4
3578	628	7.9	42 33.18	+0.4899−.0068	−63 2 36.3	−3.701−.069	9.9	4
3579	645	6.9	42 38.93	−0.1379−.0138	−67 45 5.6	−3.709+.021	9.9	4
3580	2561	7.3	42 41.27	+1.6579+.0006	−47 7 38.2	−3.712−.236	9.9	4
3581	2657	7.4	42 42.52	+1.6761+.0006	−46 45 28.7	−3.714−.238	10.2	4
3582	994	8.5	42 42.85	+1.3716−.0006	−52 19 43.3	−3.714−.195	10.1	4
3583	3452	6.8*	42 46.56	+2.3306+.0014	−29 27 51.8	−3.720−.332	10.4	6
3584	649	7.6	42 47.50	−0.4613−.0184	−69 36 52.9	−3.721+.068	10.1	4
3585	3095	6.9	42 57.23	+2.1820+.0014	−34 8 46.8	−3.735−.311	10.1	4
3586	2831	6.5	43 3.98	+1.9924+.0013	−39 26 36.9	−3.745−.284	10.0	4
3587	3065	6.1	43 6.85	+2.0586+.0014	−37 40 42.6	−3.749−.293	10.3	4
3588	1397	4.7	43 10.09	+3.1301−.0008	+ 2 30 41.0	−3.753−.447	10.1	4
3589	996	6.3	43 21.33	+1.3862−.0005	−52 6 16.2	−3.770−.197	10.0	4
3590	3143	8.0	43 32.39	+2.1015+.0014	−36 29 53.7	−3.785−.299	10.4	7
3591	711	6.7*	43 42.22	+0.6927−.0052	−61 7 41.9	−3.799−.098	9.9	4
3592	998	5.7	43 50.10	+1.3742−.0006	−52 18 44.5	−3.811−.195	9.9	4
3593	3431	7.9	43 54.81	+2.3614+.0014	−28 27 34.4	−3.818−.336	10.0	4
3594	3080	5.2	44 16.56	+2.0541+.0013	−37 49 47.8	−3.849−.292	10.2	18
3595	2574	6.9	44 17.87	+1.6309+.0004	−47 42 21.2	−3.850−.232	9.9	4
3596	240	8.8	44 37.68	−3.2863−.0859	−78 20 57.4	−3.879+.472	9.9	4
3597	2078	5.3	44 42.91	+1.4440−.0004	−51 9 49.7	−3.886−.205	10.0	4
3598	1115	6.3*	44 51.63	+1.2282−.0015	−54 35 45.2	−3.899−.174	10.0	4
3599	3292	8.0	44 59.03	+2.3966+.0013	−27 16 46.5	−3.909−.341	10.0	4
3600	2515	6.8	44 59.58	+1.5929+.0002	−48 27 50.9	−3.910−.226	10.1	4

3571 ($1^{s}.98$).

No.	Name	Mag.	R. A. 1910	Prec. and Sec. Var.	Decl. 1910	Prec. and Sec. Var.	Epoch.	No. Obs.
		M	h m s	s s	° ′ ″	″ ″		
3601	2853	8.1	6 45 1.58	+1.9887+.0012	-39 35 18.7	-3.913-.283	10.1	4
3602	618	7.3	45 1.65	+0.2686-.0097	-64 56 45.3	-3.913-.037	10.1	4
3603	3454	7.3	45 3.75	+2.3723+.0014	-28 6 48.2	-3.916-.338	10.1	4
3604	2588	7.2	45 12.32	+1.6574+.0005	-47 11 56.3	-3.928-.235	9.9	4
3605	776	8.3	45 14.36	+0.9293-.0035	-58 33 22.7	-3.931-.131	10.0	4
3606	522	6.3	45 27.64	-1.2180-.0334	-73 1 8.5	-3.950+.176	10.0	4
3607	1063	5.6	45 33.47	+1.1706-.0019	-55 26 22.9	-3.959-.166	10.2	4
3608	2703	7.5	45 34.45	+1.8206+.0009	-43 41 59.1	-3.960-.259	10.0	4
3609	3120	6.9*	45 34.78	+2.1608+.0014	-34 50 4.2	-3.960-.307	10.5	8
3610	3475	7.0	45 44.92	+2.3503+.0014	-28 52 13.2	-3.975-.334	10.4	6
3611	1118	7.9	45 49.59	+1.2260-.0016	-54 39 1.7	-3.982-.174	10.0	4
3612	560	5.9	45 50.28	-0.5926-.0221	-70 20 7.1	-3.983+.086	10.4	4
3613	4435	7.2	45 54.04	+2.4883+.0012	-24 2 22.3	-3.988-.354	10.1	4
3614	3480	7.4	45 54.24	+2.3600+.0014	-28 32 56.8	-3.988-.336	10.1	4
3615	2709	7.1	45 59.24	+1.8211+.0009	-43 41 56.2	-3.995-.258	10.0	4
3616	4438	6.2	45 59.84	+2.4902+.0012	-23 58 19.0	-3.996-.354	10.0	4
3617	3403	6.8	46 10.12	+2.2403+.0014	-32 26 17.7	-4.011-.318	10.0	4
3618	3404	3.8	46 28.72	+2.2417+.0014	-32 24 14.5	-4.038-.318	10.1	13
3619	3310	6.8	46 30.03	+2.3989+.0013	-27 13 45.4	-4.039-.341	9.9	4
3620	2602	6.8	46 40.95	+1.9216+.0011	-41 19 38.7	-4.055-.273	9.9	4
3621	2696	7.3	46 41.52	+1.6883+.0005	-46 36 20.3	-4.056-.239	10.0	4
3622	1058	8.6	46 41.60	+1.0276-.0030	-57 22 50.6	-4.056-.145	10.2	4
3623	1059	7.3	46 44.79	+1.0140-.0031	-57 33 14.6	-4.060-.143	10.0	4
3624	1481	3.6	46 51.50*	+3.9575-.0076	+34 4 13.3	-4.070-.563	10.1	7,8
3625	3278	7.3	46 53.07	+2.1972+.0014	-33 46 50.3*	-4.072-.312	10.3	4,3
3626	2768	6.8*	46 54.70	+1.7427+.0007	-45 27 44.9	-4.075-.247	10.3	4
3627	3691	6.2	46 57.00	+2.4436+.0013	-25 40 21.5	-4.078-.347	10.3	4
3628	3717	5.6	46 59.23	+2.2676+.0014	-31 36 3.2	-4.081-.322	10.6	6
3629	3719	8.2	47 2.24	+2.2677+.0014	-31 35 45.4	-4.085-.322	10.4	4
3630	1659	9.0	47 7.76	+3.0860-.0008	+ 0 35 23.4	-4.093-.439	11.1	1
3631	1660	8.7	47 8.58	+3.0855-.0008	+ 0 34 2.3	-4.094-.438	11.1	1
3632	779	8.1	47 10.86	+0.9491-.0036	-58 21 48.4	-4.098-.134	10.6	4
3633	2765	8.4	47 13.00	+1.8930+.0010	-42 2 23.5	-4.101-.268	10.6	4
3634	3721	7.2	47 13.43	+2.2812+.0014	-31 10 14.9	-4.101-.324	10.5	6
3635	720	3.3	47 16.05	+0.6284-.0065	-61 50 40.0	-4.105-.088	10.1	17,16
3636	2773	6.4	47 20.27	+1.7488+.0007	-45 20 35.8	-4.111-.248	10.4	5
3637	2703	5.0	47 22.19	+1.6933+.0005	-46 31 5.9	-4.114-.240	10.2	4
3638	196	5.6	47 33.17*	-4.9305-.1558	-80 43 10.4*	-4.129+.705	10.1	14
3639	3140	5.1	47 35.91	+2.1818+.0014	-34 15 37.5	-4.133-.310	10.1	9
3640	2415	2.8	47 42.12	+1.4859-.0003	-50 30 25.0	-4.142-.210	10.1	17
3641	3144	7.9	47 49.00	+2.1850+.0014	-34 10 9.8	-4.152-.310	10.0	5
3642	1168	4.4	47 54.07	+1.3047-.0013	-53 31 0.6	-4.159-.184	9.9	4
3643	3488	7.8	47 59.34	+2.4228+.0013	-26 25 37.2	-4.167-.344	9.9	4
3644	3495	7.6	48 11.41	+2.4216+.0013	-26 28 24.6	-4.184-.344	9.9	4
3645	1014	7.5	48 11.91	+1.3573-.0010	-52 41 36.5	-4.185-.192	10.0	4
3646	2778	7.3	48 15.71	+1.8918+.0010	-42 5 47.3	-4.190-.268	10.1	4
3647	1075	7.7	48 19.01	+1.1498-.0023	-55 47 48.1	-4.195-.162	10.2	4
3648	2734	7.3	48 29.69	+1.9589+.0011	-40 26 29.9	-4.210-.278	10.3	4
3649	3189	6.0	48 31.96	+2.1191+.0013	-36 7 12.2	-4.213-.300	10.4	6
3650	2970	8.0	48 33.66	+2.0478+.0013	-38 6 23.4	-4.216-.290	10.1	4

3638S.P. $33^{s}.24$, $11''.0$, 9.7, 9. 3624 ($51^{s}.73$). 3625 ($53''.5$)

No.	Name	Mag.	R. A. 1910	Prec. and Sec. Var.	Decl. 1910	Prec. and Sec. Var.	Epoch.	No. Obs.
		M	h m s	s s	° ′ ″	″ ″		
3651	2628	7.1	6 48 37.73	+1.6608+.0003	−47 13 7.7	−4.222−.235	10.0	4
3652	3304	7.2*	48 44.70	+2.1978+.0014	−33 48 28.5	−4.231−.311	10.4	7
3653	712	6.1	48 49.57	+0.7969−.0052	−60 8 40.4	−4.238−.112	10.0	4
3654	2556	6.2	49 7.28	+1.6129+.0001	−48 10 59.7	−4.264−.228	9.9	4
3655	2465	7.5	49 7.29	+1.5605−.0001	−49 11 4.2	−4.264−.220	10.0	4
3656	3529	6.5	49 23.21	+2.4118+.0013	−26 50 42.1*	−4.286−.342	10.0	4,3
3657	4551	7.7	49 28.82	+2.4898+.0012	−24 3 20.2	−4.294−.353	10.0	4
3658	4532	8.7	49 31.27	+2.4912+.0012	−24 0 18.7	−4.298−.353	10.0	1
3659	4553	7.5	49 39.35	+2.4757+.0012	−24 34 19.4	−4.309−.351	10.0	4
3660	2793	6.5	49 50.38	+1.8812+.0010	−42 23 35.0	−4.325−.266	10.0	4
3661	2630	9.5	49 52.76	+1.9352+.0011	−41 4 28.0	−4.328−.274	10.0	4
3662	608	7.0	49 52.79	+0.1160−.0131	−66 11 8.2	−4.328−.015	10.1	4
3663	2753	7.4	49 53.29	+1.9548+.0011	−40 34 54.5	−4.329−.276	10.1	4
3664	4559	8.0	49 56.76	+2.4841+.0012	−24 16 29.8	−4.334−.352	10.1	4
3665	3554	6.0	49 58.99	+2.3666+.0013	−28 25 0.0	−4.337−.335	10.7	6
3666	2646	9.2	50 0.47	+1.6578+.0003	−47 18 57.2	−4.339−.234	10.1	4
3667	1681	4.2	50 0.50	+2.7970+.0003	−11 55 31.4	−4.340−.396	10.1	9,23
3668	2756	6.5	50 3.44	+1.8186+.0008	−43 51 51.2	−4.344−.257	10.4	4
3669	4563	7.3	50 5.86	+2.4885+.0012	−24 7 3.9	−4.347−.352	10.0	4
3670	788	8.6	50 6.72	+0.9670−.0039	−58 13 5.2	−4.348−.136	10.3	4
3671	2799	7.3	50 10.89	+1.8765+.0009	−42 30 57.0	−4.354−.265	10.1	4
3672	4565	6.2	50 12.20	+2.4801+.0012	−24 25 33.5	−4.356−.351	10.3	4
3673	3545	9.7	50 22.47	+2.4230+.0012	−26 28 23.9	−4.371−.343	10.2	4
3674	4567	4.1	50 23.82	+2.4899+.0012	−24 4 15.6	−4.373−.352	10.2	8
3675	4553	6.6	50 28.29	+2.4969+.0011	−23 48 53.8	−4.379−.353	10.1	4
3676	1185	9.5	50 31.19	+1.1095−.0028	−56 24 11.6	−4.383−.156	10.1	4
3677	1186	8.4	50 33.28	+1.1101−.0028	−56 23 44.5	−4.386−.156	10.1	4
3678	409	8.0	50 50.47	−1.2439−.0385	−73 11 40.9	−4.411+.179	10.0	4
3679	1177	6.5	50 52.00	+1.2797−.0017	−53 58 41.0	−4.413−.180	10.0	4
3680	3781	6.9*	50 56.04	+2.2678+.0013	−31 41 14.9	−4.418−.320	10.3	6
3681	3182	7.1	50 57.77	+2.1897+.0013	−34 6 32.2	−4.421−.310	10.0	4
3682	665	6.7	51 10.10	−0.4841−.0232	−69 52 32.9	−4.438+.071	10.0	4
3683	422	6.9	51 13.64	−2.4594−.0717	−76 44 39.9	−4.443+.352	10.1	4
3684	716	6.4	51 26.15	+0.8844−.0048	−59 13 44.8	−4.461−.124	9.9	4
3685	2818	6.0	51 36.67	+1.8892+.0009	−42 15 4.0	−4.476−.266	10.0	4
3686	3591	7.0	51 42.85	+2.3529+.0013	−28 55 14.4	−4.485−.332	10.3	6
3687	1610	4.6	51 43.27	+2.5979+.0009	−20 1 16.5	−4.486−.367	10.3	8
3688	1655	6.8	51 43.52	+2.5484+.0010	−21 55 17.0	−4.486−.360	10.0	4
3689	2458	6.1	51 48.51	+1.4924−.0005	−50 30 8.7	−4.493−.210	9.9	4
3690	2785	7.5	51 57.27	+1.8203+.0007	−43 52 47.3*	−4.506−.257	10.0	4
3691	1602	5.3	51 59.70	+2.5245+.0011	−22 49 29.2	−4.509−.357	10.6	5
3692	3014	7.4	52 3.77	+2.0390+.0012	−38 26 24.1	−4.515−.288	10.0	4
3693	3804	7.3	52 11.83	+2.4543+.0012	−25 24 6.8	−4.526−.347	10.1	4
3694	3349	7.1	52 17.96	+2.2047+.0013	−33 41 24.8	−4.535−.311	10.3	5
3695	572	5.5	52 28.94*	−0.6757−.0275	−70 51 4.8*	−4.550+.098	10.0	10,11
3696	3808	6.4	52 30.51	+2.2696+.0013	−31 40 22.7	−4.553−.320	10.4	6
3697	3021	7.6	52 34.33	+2.0355+.0012	−38 33 3.1	−4.558−.287	10.0	4
3698	717	9.1*	52 36.07	+0.8238−.0055	−59 56 28.2	−4.561−.115	10.1	4
3699	3491	7.7	52 37.39	+2.2289+.0013	−32 57 15.8	−4.562−.314	10.0	4
3700	718	8.2	52 38.96	+0.8398−.0054	−59 45 56.3	−4.565−.117	10.1	4

3695S.P. 29ˢ.00, 4″.8, 9.6, 8.

3690 48″.0, 45″.5, 48″.2, 47″.2.

3656 (44″.6)

3695 (29ˢ.42).

No.	Name	Mag.	R. A. 1910	Prec. and Sec. Var.	Decl. 1910	Prec. and Sec. Var.	Epoch.	No. Obs.
		M	h m s	s s	° ′ ″	″ ″		
3701	1095	8.4	6 53 3.29	+1.2053−.0024	−55 8 17.5*	−4.599−.169	10.0	4
3702	4635	8.2	53 11.30	+2.4702+.0011	−24 51 0.3	−4.611−.348	10.0	4
3703	3176	8.1	53 13.76	+2.0781+.0012	−37 24 12.2	−4.614−.293	10.4	6
3704	3028	7.4	53 14.51	+2.0384+.0012	−38 29 28.4	−4.615−.287	10.0	4
3705	1405	6.1	53 14.61	+3.7124−.0061	+26 11 59.7	−4.615−.525	10.4	6
3706	1616	6.5*	53 25.70	+2.5450+.0010	−22 4 59.4	−4.631−.359	10.0	4
3707	574	6.9	53 30.02	−0.5780−.0262	−70 23 46.4	−4.637+.084	10.0	4
3708	3225	6.3	53 31.73	+2.1546+.0013	−35 13 19.6	−4.640−.304	10.0	4
3709	4648	5.4	53 51.05	+2.4799+.0011	−24 30 45.9	−4.667−.350	10.4	4
3710	2601	4.9	53 52.20	+1.5982−.0001	−48 36 7.2	−4.669−.225	10.0	4
3711	3252	7.4*	54 3.02	+2.1016+.0012	−36 45 58.8	−4.684−.296	10.4	7
3712	3233	6.2	54 4.37	+2.1495+.0013	−35 23 14.4	−4.686−.303	9.9	4
3713	3460	6.1	54 6.74	+2.3985+.0012	−27 24 59.9	−4.689−.338	10.0	4
3714	1199	7.5	54 15.89	+1.0843−.0034	−56 50 19.2	−4.702−.152	10.0	4
3715	284	8.5	54 17.17	−3.0280−. 962	−77 58 43.2	−4.704+.431	10.3	4
3716	3238	7.1	54 22.05	+2.1513+.0013	−35 20 38.8	−4.711−.303	10.0	4
3717	3646	6.2	54 30.67	+2.4095+.0012	−27 2 33.4	−4.723−.339	10.0	4
3718	2477	7.2	54 33.81	+1.4747−.0008	−50 53 42.8	−4.728−.207	10.0	4
3719	2478	8.3	54 34.76	+1.4895−.0007	−50 38 8.5	−4.729−.209	10.1	4
3720	3743	7.1*	54 41.04	+2.3038+.0013	−30 37 23.9	−4.738−.324	10.4	6
3721	2824	7.1	54 46.42	+1.8332+.0007	−43 40 1.5	−4.745−.258	10.1	4
3722	1085	7.5	54 49.73	+1.0383−.0039	−57 27 6.6	−4.750−.145	10.3	4
3723	4678	6.6	54 50.61	+2.5010+.0011	−23 45 30.1	−4.751−.352	10.1	4
3724	3864	5.7	54 54.60	+2.4591+.0011	−25 17 29.5	−4.757−.346	10.4	8
3725	3658	7.9	54 57.91	+2.4227+.0012	−26 35 28.5	−4.762−.341	10.3	4
3726	2851	7.6	54 59.87	+1.8837+.0008	−42 29 3.2	−4.764−.265	10.3	4
3727	2850	8.1	55 1.37	+1.8975+.0009	−42 9 7.9	−4.766−.267	10.1	4
3728	3666	1.6	55 5.33	+2.3575+.0013	−28 50 56.8	−4.772−.332	10.2	26,35
3729	3389	5.1	55 7.43	+2.1974+.0013	−33 59 20.1	−4.775−.309	10.0	4
3730	1157	7.7	55 15.95	+1.2242−.0024	−54 55 33.5	−4.787−.172	10.0	4
3731	3757	6.4*	55 17.02	+2.2966+.0013	−30 52 29.6	−4.789−.323	10.2	4
3732	3670	7.3	55 21.89	+2.4298+.0012	−26 21 2.8	−4.796−.342	10.0	4
3733	201	7.4	55 24.41*	−5.0791−.1911	−80 57 21.1*	−4.799+.721	10.0	2
3734	286	7.4	55 25.00	−2.8097−.0904	−77 33 38.6	−4.800+.400	10.4	4
3735	2843	6.8	55 25.01	+1.7301+.0003	−45 58 24.6	−4.800−.243	10.3	4
3736	1111	8.3	55 27.08	+1.1638−.0029	−55 47 35.1	−4.803−.163	10.3	4
3737	3674	7.5	55 32.58	+2.3582+.0012	−28 50 17.4	−4.811−.332	10.0	4
3738	2615	7.3	55 34.98	+1.5789−.0003	−49 1 27.6	−4.814−.221	10.1	4
3739	3545	6.9	55 38.53	+2.2430+.0013	−32 35 54.0	−4.819−.315	10.3	5
3740	1113	7.0	55 40.86	+1.1509−.0030	−55 58 47.4	−4.822−.161	10.4	4
3741	1042	6.9	55 41.35	+1.3811−.0014	−52 30 58.6	−4.823−.193	10.4	4
3742	1112	7.1	55 42.18	+1.1820−.0028	−55 32 43.5	−4.824−.165	10.3	4
3743	421	7.6	55 47.65	−1.6399−.0532	−74 36 41.2	−4.832+.234	10.7	4
3744	579	6.9	55 59.82	−0.2002−.0204	−68 23 8.3	−4.849+.030	10.4	4
3745	3489	7.6	56 0.14	+2.3898+.0012	−27 46 0.5	−4.850−.336	9.9	4
3746	638	8.6	56 3.63	+0.3597−.0116	−64 27 13.7	−4.855−.049	10.2	4
3747	2850	6.2	56 4.64	+1.7465+.0004	−45 38 35.7	−4.856−.245	10.0	4
3748	581	7.2	56 7.74	−0.5623−.0274	−70 22 8.0	−4.860+.082	10.3	4
3749	161	7.6	56 9.22*	−7.1702−.3212	−82 47 9.7*	−4.863+1.02	10.1	3
3750	3689	6.9	56 10.75	+2.3752+.0012	−28 16 27.7	−4.865−.334	10.2	4

3733S.P. $24^s.57$, $20''.8$, 9.4, 2.

3749S.P. $8^s.23$, $9''.2$, 9.5, 1.

3701 $16''.8$, $16''.8$, $17''.6$, $18''.9$

No.	Name	Mag.	R. A. 1910	Prec. and Sec. Var.	Decl. 1910	Prec. and Sec. Var.	Epoch.	No. Obs.
		M	h m s	s s	° ′ ″	″ ″		
3751	3740	7.7	6 56 13.09	+2.3367+.0013	-29 34 45.6	-4.868-.328	10.6	6
3752	730	8.4	56 18.24	+0.7598-.0068	-60 43 44.2	-4.875-.105	10.1	4
3753	3402	6.6	56 21.78	+2.2195+.0013	-33 21 1.3	-4.880-.312	10.0	4
3754	2811	7.4	56 28.18	+1.6876+.0001	-46 53 53.9	-4.889-.237	10.4	6
3755	1695	6.3	56 29.93	+2.5491+.0010	-21 59 34.2	-4.892-.358	10.3	4
3756	3749	7.1	56 33.31	+2.3258+.0013	-29 57 4.9	-4.897-.327	10.1	4
3757	2811	7.4	56 34.50	+1.6878+.0001	-46 53 50.2	-4.898-.237	10.4	4
3758	2855	7.9	56 35.26	+1.7720+.0005	-45 6 10.1	-4.899-.248	10.1	4
3759	3775	6.7*	56 43.13	+2.2935+.0013	-31 0 58.0	-4.911-.322	10.0	4
3760	3777	7.8	56 47.45	+2.2958+.0013	-30 56 33.8	-4.917-.322	10.0	4
3761	1116	6.1	56 54.36	+1.1805-.0029	-55 36 7.4	-4.926-.165	10.2	4
3762	1211	6.4	56 54.88	+1.1324-.0033	-56 16 8.4	-4.927-.158	10.0	4
3763	2831	6.9	56 54.96	+1.9513+.0010	-40 52 35.8	-4.927-.274	10.1	4
3764	731	8.4	56 57.36	+0.8133-.0063	-60 10 18.1*	-4.931-.113	10.2	4
3765	235	8.6*	57 3.01*	-4.2871-.1566	-80 1 7.9*	-4.939+.608	10.1	2
3766	3907	8.0	57 7.75	+2.4418+.0011	-25 57 57.6	-4.945-.343	10.0	4
3767	3711	6.4	57 9.02	+2.3734+.0012	-28 21 39.8	-4.947-.333	10.2	5
3768	3911	5.8	57 23.97	+2.4664+.0011	-25 5 15.7	-4.968-.346	10.4	4
3769	733	8.0	57 26.11	+0.7395-.0072	-60 58 23.6	-4.971-.102	9.9	4
3770	3415	6.5	57 29.72	+2.2209+.0013	-33 20 22.4	-4.976-.312	10.0	4
3771	3913	6.8	57 32.19	+2.4461+.0011	-25 49 17.0	-4.980-.343	10.0	4
3772	3794	7.3	57 42.86	+2.3090+.0012	-30 32 13.3	-4.995-.324	10.4	6
3773	2838	7.6	57 54.97	+1.9548+.0009	-40 49 17.1	-5.012-.274	10.1	4
3774	3540	6.7	57 56.61	+2.4106+.0012	-27 5 38.0	-5.014-.338	10.3	4
3775	737	6.7	57 58.84	+0.7654-.0070	-60 42 55.2	-5.017-.106	10.3	4
3776	2648	6.5	58 1.10	+1.5838-.0004	-49 0 23.2	-5.021-.221	10.4	4
3777	3544	3.7	58 8.01	+2.3903+.0012	-27 48 19.5	-5.030-.335	10.1	15
3778	2843	7.1	58 9.25	+1.9612+.0010	-40 39 58.1	-5.032-.275	10.0	4
3779	288	7.6	58 23.15	-2.8390-.0967	-77 39 35.0	-5.052+.403	10.4	4
3780	1218	7.7	58 31.85	+1.0981-.0038	-56 46 43.6	-5.064-.153	9.9	4
3781	3282	6.6	58 33.50	+2.1530+.0012	-35 25 4.8	-5.066-.302	10.1	5
3782	2224	5.0	58 40.31	+1.4603-.0011	-51 16 25.5	-5.076-.204	9.9	4
3783	1687	4.0	58 46.30	+3.5611-.0053	+20 42 11.0	-5.084-.500	10.2	25,41
3784	2856	6.9	58 50.56	+1.9581+.0009	-40 46 0.2	-5.090-.274	10.0	4
3785	754	6.7	58 57.23	+0.7202-.0077	-61 12 51.3	-5.100-.099	10.3	4
3786	2520	7.3	59 2.12	+1.5139-.0008	-50 20 12.5	-5.107-.211	10.2	4
3787	816	8.2	59 6.34	+0.9832-.0049	-58 15 51.3	-5.113-.136	10.5	4
3788	742	7.9	59 8.06	+0.7667-.0072	-60 44 2.7	-5.115-.106	10.6	4
3789	4761	7.0	59 10.92	+2.4850+.0010	-24 27 6.2	-5.119-.348	10.1	4
3790	4797	3.1	59 15.98	+2.5054+.0010	-23 42 4.8	-5.126-.351	10.2	14
3791	2882	6.4	59 28.39	+1.8565+.0007	-43 16 20.2	-5.144-.259	10.3	4
3792	2915	7.1	59 30.67	+1.8889+.0008	-42 30 3.8	-5.147-.264	10.0	4
3793	747	7.7	59 36.87	+0.7415-.0076	-61 0 43.8	-5.156-.102	10.5	4
3794	1625	4.1	59 41.18	+2.7144+.0004	-15 29 59.1	-5.162-.380	10.3	16,27
3795	820	6.0	59 41.58	+0.9392-.0054	-58 48 46.9	-5.162-.130	10.2	4
3796	2530	7.7	59 50.47	+1.5175-.0008	-50 17 53.4	-5.175-.212	10.1	4
3797	142	7.8	59 57.82*	-8.9628-.4883	-83 52 40.1*	-5.185+1.26	10.1	2
3798	686	5.1	59 59.95*	-0.0895-.0201	-67 47 33.6*	-5.188+.015	10.1	9
3799	4785	7.0*	7 0 0.43	+2.4720+.0010	-24 57 1.5	-5.189-.346	10.2	4
3800	1224	7.6	0 6.22	+1.1232-.0037	-56 29 23.4	-5.197-.156	10.2	4

3765S.P. 3ˢ29, 9″4, 9.4, 2.

3797S.P. 57ˢ69, 41″6, 9.4, 2.

3798S.P. 59ˢ99, 34″3, 9.7, 9.8, (39″7).

3764 19″3, 16″7, 18″1, 18″3.

No.	Name	Mag.	R. A. 1910	Prec. and Sec. Var.	Decl. 1910	Prec. and Sec. Var.	Epoch.	No. Obs.
		M	h m s	s s	° ′ ″	″ ″		
3801	2877	7.5	7 0 6.88	+1.9808+.0010	-40 13 32.2	-5.198-.277	10.3	4
3802	2572	8.3	0 6.94	+1.5379-.0007	-49 56 4.0	-5.198-.214	10.4	4
3803	1226	7.6	0 10.60	+1.3009-.0023	-53 55 38.4	-5.203-.181	10.2	4
3804	1132	8.1	0 22.95	+1.2085-.0030	-55 18 29.6	-5.220-.168	10.3	4
3805	1110	7.1	0 26.36	+1.0718-.0042	-57 10 59.3	-5.225-.148	10.1	4
3806	2577	7.1	0 26.67	+1.5460-.0007	-49 47 42.3	-5.226-.215	10.2	4
3807	1111	8.0	0 27.63	+1.0497-.0044	-57 28 12.4	-5.227-.146	10.1	4
3808	3306	7.9	0 38.22	+2.1981+.0012	-34 7 56.5	-5.242-.307	10.1	5
3809	2885	8.9	0 40.58	+1.9781+.0010	-40 18 52.8	-5.245-.276	10.0	4
3810	686	7.6	0 46.73	+0.2326-.0148	-65 34 34.8	-5.254-.030	10.2	4
3811	1732	6.2	0 57.05	+2.5543+.0009	-21 53 42.5	-5.269-.357	10.0	4
3812	2929	5.3	1 11.57	+1.9035+.0008	-42 12 13.9	-5.289-.265	10.0	4
3813	2906	5.8	1 11.68	+1.8500+.0006	-43 28 57.5	-5.289-.258	10.0	4
3814	2907	7.6	1 13.24	+1.8499+.0006	-43 29 8.7	-5.291-.258	10.0	4
3815	1066	6.6	1 18.28	+1.4054-.0016	-52 17 27.4	-5.298-.195	10.0	4
3816	2587	5.1	1 33.23	+1.5664-.0006	-49 27 7.4	-5.319-.218	10.0	4
3817	756	8.9	1 38.65	+0.7552-.0077	-60 55 40.6	-5.327-.104	10.0	4
3818	2548	7.0	1 38.72	+1.5082-.0010	-50 31 32.4	-5.327-.210	10.0	4
3819	1116	7.6	1 41.71	+1.0606-.0045	-57 22 3.0	-5.331-.147	10.1	4
3820	2896	7.0	1 43.28	+1.9782+.0009	-40 20 52.3	-5.334-.276	10.0	4
3821	757	9.7	1 43.83	+0.6045-.0097	-62 26 11.9	-5.334-.083	10.1	4
3822	1139	7.2	1 43.91	+1.1760-.0034	-55 48 49.8	-5.334-.163	10.1	4
3823	826	5.7	1 52.18*	+0.9253-.0058	-59 2 36.1*	-5.346-.128	10.2	2
3824	3824	8.4	1 56.80	+2.3606+.0012	-28 55 57.0	-5.352-.329	10.0	4
3825	3478	7.5*	1 58.85	+2.2036+.0012	-34 0 25.7	-5.356-.307	10.0	4
3826	2553	7.5	2 10.10	+1.5252-.0009	-50 14 8.6	-5.371-.212	10.1	4
3827	3325	10.0	2 12.93	+2.1831+.0012	-34 38 15.1	-5.375-.304	10.2	4
3828	1120[1]	8.6	2 13.76	+1.0634-.0045	-57 20 55.1	-5.376-.147	10.2	4
3829	3327[1]	6.7	2 15.80	+2.1831+.0012	-34 38 26.7	-5.379-.304	10.1	4
3830	3327[2]	7.8	2 15.98	+2.1830+.0012	-34 38 30.4	-5.379-.304	10.5	4
3831	238	5.5	2 16.65	-3.7351-.1440	-79 17 29.5	-5.380+.527	10.2	4
3832	3149	7.3	2 18.48	+2.0633+.0011	-38 5 44.9	-5.383-.288	10.3	4
3833	3302	8.4	2 32.05	+2.0853+.0011	-37 29 28.7	-5.402-.290	10.4	5
3834	3907	6.4	2 32.25	+2.3139+.0012	-30 31 1.7	-5.402-.323	10.0	4
3835	2908	6.5	2 35.07	+1.9733+.0009	-40 30 12.5	-5.406-.275	10.1	5
3836	1232	5.3	2 37.70	+1.1200-.0040	-56 36 45.8	-5.410-.155	9.9	8
3837	3163	6.1	2 56.87	+2.0587+.0011	-38 14 38.0	-5.437-.286	10.0	4
3838	2561	6.5	2 59.22	+1.5275-.0009	-50 13 21.3	-5.440-.212	10.0	4
3839	209	8.0	3 0.37*	-4.7907-.2023	-80 42 37.0*	-5.442+.675	9.9	3
3840	646	7.5	3 5.58	+0.0784-.0182	-66 45 17.0	-5.449-.009	10.0	4
3841	3309	8.3	3 6.03	+2.0830+.0011	-37 34 26.8	-5.450-.290	10.2	4
3842	2959	7.1	3 6.20	+1.9068+.0007	-42 11 20.1	-5.450-.265	10.2	4
3843	4868	6.2	3 9.49	+2.4778+.0010	-24 49 13.7	-5.455-.345	10.1	4
3844	2961	9.0	3 10.40	+1.9076+.0007	-42 10 24.8	-5.456-.265	10.2	4
3845	3313	7.2	3 13.20	+2.0833+.0011	-37 34 11.8	-5.460-.290	10.2	5
3846	3880	6.4	3 21.20	+2.4311+.0011	-26 30 58.4	-5.471-.339	10.0	4
3847	1240	7.9	3 32.29	+1.3046-.0025	-53 58 51.3	-5.486-.181	10.1	4
3848	762	8.3	3 33.53	+0.7851-.0077	-60 40 4.8	-5.488-.108	10.1	4
3849	660	7.6	3 33.79	+0.3956-.0131	-64 21 7.9	-5.489-.053	10.2	4
3850	2931	6.6	3 34.05	+1.8540+.0006	-43 28 15.4	-5.489-.258	10.3	4

3839 S.P. 0s13, 37″.8, 9.5, 1.

3823 Prec. Mean (?) 52s37, 35″.4, 10.0, 2.

No.	Name	Mag.	R. A. 1910	Prec. and Sec. Var.	Decl. 1910	Prec. and Sec. Var.	Epoch.	No. Obs.
		M	h m s	s s	° ′ ″	″ ″		
3851	4908	5.8	7 3 36.85	+2.5084+.0010	−23 41 58.1	−5.493−.349	10.5	4
3852	3893	9.2	3 48.12	+2.4404+.0011	−26 11 44.1	−5.509−.340	10.4	4
3853	3897	8.8	3 56.13	+2.4399+.0011	−26 13 2.6	−5.520−.340	10.0	4
3854	593	7.7	3 59.89	−0.5359−.0312	−70 24 14.2	−5.525+.078	10.2	4
3855	765	7.6	4 1.27	+0.7467−.0082	−61 5 14.1	−5.527−.102	10.1	4
3856	767	8.1*	4 4.20	+0.8462−.0070	−60 1 0.1	−5.531−.116	10.5	4
3857	2930	5.9	4 10.20	+1.9658+.0009	−40 45 6.4	−5.540−.273	10.0	4
3858	2932	8.1	4 13.32	+1.9797+.0009	−40 23 45.0	−5.544−.275	10.1	4
3859	3908	8.5	4 21.87	+2.4424+.0011	−26 8 21.1	−5.556−.340	10.0	4
3860	766	8.0	4 22.58	+0.7308−.0085	−61 15 48.1	−5.557−.100	10.0	4
3861	2577	8.4	4 40.33	+1.5161−.0011	−50 29 16.0	−5.582−.210	9.9	4
3862	4937	8.0	4 41.71	+2.5028+.0009	−23 56 1.8	−5.584−.348	10.1	4
3863	3916	2.0	4 43.90	+2.4396+.0011	−26 14 59.4	−5.587−.339	10.2	32,45
3864	4074	7.0	4 44.30	+2.2927+.0012	−31 17 0.8	−5.587−.319	10.1	4
3865	3523	7.8	4 55.73	+2.2319+.0012	−33 13 48.2	−5.604−.310	10.6	4
3866	1140	7.7	4 56.64	+1.0478−.0050	−57 38 12.2	−5.605−.144	10.2	4
3867	2306	6.0	5 3.81	+1.4407−.0016	−51 49 35.8	−5.615−.199	10.1	4
3868	4949	6.5	5 4.02	+2.5040+.0010	−23 53 58.5	−5.615−.348	10.1	4
3869	770	8.1	5 15.53	+0.8640−.0070	−59 51 15.8	−5.631−.118	10.0	4
3870	1084	6.5*	5 19.63	+1.4273−.0018	−52 3 44.9*	−5.637−.197	10.0	4
3871	1882	5.1	5 28.03	+4.1283−.0138	+39 28 5.1	−5.649−.575	10.3	16
3872	1840	5.0	5 45.47	+2.9807−.0011	− 4 5 45.8	−5.673−.414	10.4	5
3873	3105	4.8	5 49.71	+2.0156+.0010	−39 30 38.5	−5.679−.279	10.0	14
3874	771	6.5	5 56.52	+0.8907−.0068	−59 34 22.4	−5.689−.122	10.0	4
3875	4120	5.8	6 0.44	+2.4727+.0010	−25 5 6.3	−5.694−.343	10.2	4
3876	4123	8.6	6 2.37	+2.4734+.0010	−25 3 43.5	−5.697−.343	10.2	4
3877	2637	7.8	6 3.27	+1.5480−.0010	−49 57 16.0	−5.698−.214	10.0	4
3878	2960	6.9	6 17.70	+1.7833+.0002	−45 11 8.6	−5.718−.247	10.0	4
3879	3939	7.0	6 26.82	+2.3743+.0011	−28 36 4.6	−5.731−.329	10.0	4
3880	1145	6.9	6 29.29	+1.0865−.0047	−57 11 12.6	−5.734−.149	10.0	4
3881	591	6.5*	6 34.24	−0.2106−.0252	−68 41 39.7	−5.741+.032	10.0	4
3882	524	7.5	6 39.62	−0.6746−.0362	−71 8 10.8	−5.749+.097	10.0	4
3883	655	7.1	6 41.41	+0.0752−.0195	−66 52 18.2	−5.751−.008	10.1	4
3884	3710	5.6	6 42.39	+2.4105+.0011	−27 20 38.2	−5.753−.334	10.4	4
3885	852	7.9	6 56.98	+1.0063−.0056	−58 13 36.6	−5.773−.138	10.0	4
3886	1636	4.1	7 16.10	+3.0649−.0017	− 0 20 35.2	−5.800−.425	10.3	9
3887	3364	7.7*	7 16.92	+2.1062+.0011	−37 4 1.1	−5.801−.291	10.3	6,5
3888	2967	8.4	7 19.15	+1.9908+.0009	−40 13 11.6	−5.804−.275	10.0	4
3889	1261	8.0	7 29.48	+1.1612−.0041	−56 12 45.9	−5.818−.160	10.0	4
3890	1791	6.7	7 30.10	+2.5648+.0008	−21 39 14.2	−5.819−.355	10,1	4
3891	1262	8.9	7 32.31	+1.1608−.0041	−56 13 15.6	−5.822−.160	10.0	4
3892	2865	7.4	7 43.52	+1.9566+.0008	−41 6 56.8	−5.838−.270	10.0	4
3893	710	7.9	7 53.20	−0.0582−.0226	−67 47 26.8	−5.851+.010	10.0	4
3894	778	8.0	7 53.99	+0.8199−.0080	−60 25 42.8	−5.852−.112	10.0	4
3895	1265	8.4	8 4.83	+1.1620−.0041	−56 13 23.3	−5.868−.160	10.0	4
3896	782	6.9	8 9.88	+0.8385−.0078	−60 14 0.1	−5.875−.114	10.0	4
3897	1417	5.3	8 12.21	+3.4464−.0051	+16 18 44.6	−5.878−.478	10.0	4
3898	3233	6.8*	8 19.19	+2.0398+.0010	−38 57 9.4	−5.888−.282	9.9	4
3899	2765	5.1	8 22.42	+1.6140−.0007	−48 47 13.7	−5.892−.222	10.0	4
3900	3749	6.7	8 27.92	+2.4166+.0011	−27 11 1.4	−5.900−.334	10.1	4

3870 43″.2″Clds.″, 45″.5, 45″.4, 45″.4.

No.	Name	Mag.	R. A. 1910	Prec. and Sec. Var.	Decl. 1910	Prec. and Sec. Var.	Epoch.	No. Obs.
		M	h m s	s s	° ′ ″	″ ″		
3901	4191	5.9	7 8 31.22	+2.4554+.0010	−25 47 28.9	−5.904−.340	10.5	4
3902	1174[1]	7.8	8 34.30	+1.2186−.0036	−55 26 21.0	−5.909−.167	10.1	4
3903	1174[2]	7.7	8 34.95	+1.2188−.0036	−55 26 15.7	−5.910−.167	10.1	4
3904	3237	8.7	8 35.37	+2.0662+.0010	−38 14 25.5	−5.910−.285	10.4	4
3905	4081	6.2	8 36.01	+2.3152+.0012	−30 40 14.2	−5.911−.320	10.5	6
3906	778	8.3	8 39.28	+0.6550−.0103	−62 9 27.5	−5.916−.089	10.1	4
3907	3761	6.4	8 47.04	+2.4130+.0011	−27 19 21.3	−5.926−.334	10.1	4
3908	3380	8.0	9 8.45	+2.0748+.0010	−38 1 18.1	−5.956−.286	10.1	4
3909	2676	7.5	9 8.71	+1.5894−.0008	−49 17 35.4	−5.957−.219	10.5	4
3910	3421	6.1	9 13.93	+2.1321+.0011	−36 23 31.6	−5.964−.294	10.2	4
3911	2987	5.4	9 16.96	+1.9888+.0008	−40 20 46.3	−5.968−.274	10.0	8
3912	3425	10.3	9 21.22	+2.1433+.0011	−36 4 8.1	−5.974−.296	10.3	4
3913	3426	7.9	9 21.75	+2.1429+.0011	−36 4 54.5	−5.975−.296	10.2	4
3914		9.2	9 22.58	+2.1434+.0011	−36 4 6.0*	−5.976−.296	10.2	4
3915	600[1]	5.8	9 28.44*	−0.4997−.0334	−70 21 2.9*	−5.984+.072	10.0	9
3916	600[2]	3.9	9 30.92*	−0.4999−.0334	−70 21 9.9*	−5.988+.072	10.4	29
3917	677	7.6	9 33.21	+0.4215−.0142	−64 18 32.7	−5.991−.056	10.0	4
3918	1756	6.2	9 34.89	+2.5438+.0008	−22 31 9.4	−5.993−.351	10.0	4
3919	3023	8.4	9 49.36	+1.8530+.0004	−43 43 48.5	−6.013−.255	10.1	4
3920	1761	9.8	9 58.60	+2.5380+.0008	−22 45 11.2	−6.026−.350	10.2	4
3921	3789	5.9	9 58.84	+2.4174+.0010	−27 12 7.4	−6.026−.334	10.1	4
3922	2977	4.5	9 59.64	+1.7243−.0001	−46 36 31.0	−6.028−.237	10.1	16
3923	1761	6.2	9 59.97	+2.5380+.0008	−22 45 4.7	−6.028−.350	10.2	4
3924	3028	7.3	10 6.19	+1.8534+.0004	−43 43 52.4	−6.036−.255	10.0	4
3925	1185	6.6	10 9.42	+1.1831−.0041	−56 0 13.5	−6.041−.162	10.4	4
3926	2634	8.0	10 10.78	+1.5450−.0012	−50 10 0.2	−6.043−.212	10.1	4
3927	781	9.4	10 17.23	+0.7086−.0099	−61 40 36.6	−6.052−.096	10.2	4
3928	4143	6.5	10 19.38	+2.3092+.0012	−30 55 43.5	−6.055−.318	10.2	4
3929	3254	7.4*	10 23.44	+2.0652+.0010	−38 20 12.4	−6.060−.284	10.2	4
3930	4146	6.3	10 27.46	+2.3316+.0012	−30 11 4.9	−6.066−.321	10.6	4
3931	2360	7.2	10 30.85	+1.4964−.0015	−51 3 27.8	−6.071−.205	10.3	4
3932	3223	5.0	10 31.78	+1.7978+.0002	−45 1 33.1	−6.072−.247	10.4	4
3933	4057	4.7	10 35.06	+2.4460+.0010	−26 11 48.6	−6.077−.337	10.5	8
3934	426	7.6	10 45.77	−1.9962−.0828	−75 53 58.5	−6.091+.280	10.6	4
3935	3227	Var.	10 47.47	+1.8217+.0003	−44 29 33.7	−6.094−.250	10.2	4
3936	793	8.1	10 49.99	+0.8952−.0075	−59 41 8.7	−6.097−.122	10.4	4
3937	661	8.4	10 50.77	+0.0857−.0208	−66 54 54.0	−6.098−.009	10.1	4
3938	1280	7.8	10 51.86	+1.3370−.0028	−53 44 22.0	−6.100−.183	10.2	4
3939	5137	7.6	10 54.96	+2.5234+.0008	−23 19 58.9	−6.104−.348	10.4	4
3940	3176	8.0	11 0.21	+2.0031+.0009	−40 2 17.6	−6.112−.276	10.1	5
3941	719	7.2	11 5.22	−0.0473−.0236	−67 48 30.4	−6.118+.009	10.1	3
3942	427	8.4	11 6.97	−1.7280−.0730	−75 9 9.8	−6.121+.242	10.5	4
3943	4164	6.9	11 8.16	+2.3230+.0012	−30 29 57.9	−6.123−.320	10.3	4
3944	1165	6.8	11 8.73	+1.0876−.0052	−57 20 8.2	−6.123−.148	10.4	4
3945	4073	3.8	11 9.56	+2.4349+.0010	−26 36 57.3	−6.124−.335	10.7	4
3946	789	6.1	11 11.20	+0.5713−.0121	−63 2 9.4	−6.127−.077	10.5	4
3947	4074	5.8	11 12.92	+2.4275+.0010	−26 52 49.4	−6.129−.334	10.5	4
3948	784	7.7	11 21.37	+0.7560−.0094	−61 13 34.6	−6.141−.102	10.4	4
3949	2803	7.5	11 29.64	+1.6528−.0006	−48 8 38.5	−6.152−.227	10.1	4
3950	2992	7.2	11 33.12	+1.7477−.0001	−46 10 10.1	−6.157−.240	10.1	4

3915S.P. $28^s.48$, $2''.6$, 9.5, 8.

3916S.P. $30^s.97$, $10''.0$, 10.2, 23.

3914 $4''.4$, $6''.3$, $6''.5$, $6''.8$.

No.	Name	Mag.	R. A. 1910	Prec. and Sec. Var.	Decl. 1910	Prec. and Sec. Var.	Epoch.	No. Obs.
		M	h m s	s s	° ′ ″	″ ″		
3951	3411	7.1	7 11 36.89	+2.1112+.0011	−37 5 17.3	−6.162−.290	10.5	7
3952	1284	6.8	11 38.28	+1.3533−.0027	−53 30 41.3	−6.164−.185	10.6	4
3953	2644	6.9*	11 39.64	+1.5400−.0013	−50 18 55.9	−6.166−.211	10.3	4
3954	3412	8.0	11 45.75	+2.1111+.0011	−37 5 43.5	−6.175−.290	10.7	4
3955	1630	5.8	11 46.86	+4.1794−.0162	+41 2 37.9	−6.176−.577	10.2	6
3956	576	8.1	11 51.72	−0.8844−.0454	−72 11 21.7	−6.183+.125	10.3	4
3957	4184	5.3	11 52.11	+2.3229+.0012	−30 31 42.5	−6.184−.320	10.3	4
3958	3020	7.4	11 53.70	+1.9671+.0008	−41 0 39.7	−6.186−.270	10.0	4
3959	705	7.0	11 56.01	−0.4137−.0326	−69 58 3.0	−6.189+.060	10.4	4
3960	3832	7.8	11 57.20	+2.4175+.0010	−27 15 51.8	−6.191−.333	10.1	4
3961	5173	6.3	12 0.81	+2.5177+.0008	−23 34 54.7	−6.196−.346	10.4	4
3962	2906	6.1	12 0.92	+1.9572+.0007	−41 16 6.7	−6.196−.269	10.1	4
3963	2807	4.9	12 9.18	+1.6556−.0006	−48 6 50.6	−6.207−.227	10.1	4
3964	3000	5.8	12 10.89	+1.7245−.0002	−46 41 30.1	−6.210−.236	10.1	4
3965	3469	7.7	12 16.35	+2.1358+.0011	−36 24 7.5	−6.217−.293	10.0	4
3966	720	7.3	12 16.72	−0.0133−.0234	−67 37 20.2	−6.218+.005	10.3	4
3967	2915	7.0	12 30.16	+1.9318+.0007	−41 55 45.4	−6.236−.265	10.0	4
3968	151	7.6	12 31.48*	−8.2724−.5272	−83 36 44.8*	−6.238+1.15	10.0	2
3969	4205	7.1*	12 37.08	+2.3312+.0011	−30 16 32.0	−6.246−.320	10.2	4
3970	686	7.3	12 42.02	+0.3844−.0156	−64 43 0.8	−6.253−.050	10.3	4
3971	2919	7.3	12 44.16	+1.9295+.0006	−41 59 41.6	−6.256−.265	10.0	4
3972	5189	4.8	12 49.12	+2.5296+.0008	−23 9 18.6	−6.263−.348	10.5	4
3973	577	8.1	12 50.06	−0.9785−.0490	−72 36 2.0	−6.264+.138	10.4	4
3974	5192	6.8	12 50.80	+2.5297+.0008	−23 9 5.0	−6.265−.348	10.5	4
3975	1443	3.6	12 55.31	+3.4534−.0057	−16 42 12.0	−6.271−.476	10.0	19,30
3976	3852	4.8	12 58.54	+2.4056+.0011	−27 43 17.5	−6.276−.330	10.5	4
3977	2814	7.5	13 1.07	+1.6593−.0006	−48 4 28.1	−6.279−.227	10.2	4
3978	2923	7.6	13 1.37	+1.9306+.0006	−41 58 49.5	−6.280−.265	10.1	4
3979	5117	7.2	13 6.95	+2.4808+.0009	−24 59 52.4	−6.287−.341	10.1	4
3980	803	7.1	13 13.06	+0.7919−.0092	−60 54 41.7	−6.296−.107	10.1	4
3981	1123	6.0	13 13.18	+1.4284−.0022	−52 20 33.4	−6.296−.195	10.1	4
3982	2660	7.5	13 19.28	+1.5424−.0013	−50 20 20.4	−6.304−.211	10.0	4
3983	3288	5.8	13 25.06	+2.0759+.0010	−38 9 29.2	−6.312−.284	10.5	6
3984	4233	8.0	13 28.41	+2.3181+.0011	−30 44 43.0	−6.317−.318	10.3	4
3985	4234	6.2	13 28.48	+2.3184+.0011	−30 44 4.9	−6.317−.318	10.3	4
3986	4113	6.9	13 32.54	+2.3857+.0011	−28 26 18.9	−6.323−.327	10.2	4
3987	3485	5.5	13 37.19	+2.1366+.0011	−36 25 52.7	−6.329−.293	10.1	4
3988	3023	5.5	13 39.67	+1.7310−.0002	−46 36 51.2	−6.333−.236	10.3	4
3989	2932	8.7	13 41.28	+1.9309+.0006	−42 0 1.2	−6.335−.264	10.3	4
3990	4119	7.0	13 48.99	+2.3707+.0011	−28 58 6.9	−6.345−.325	10.3	4
3991	3487	8.1	13 54.75	+2.1191+.0010	−36 57 5.6	−6.354−.290	10.1	4
3992	3489	2.7	13 57.82	+2.1197+.0010	−36 56 7.4	−6.358−.290	10.4	18
3993	885	7.0	13 58.43	+1.0138−.0064	−58 22 55.8	−6.358−.137	10.4	4
3994	2725	7.5	13 58.67	+1.5681−.0012	−49 53 13.8	−6.359−.214	10.5	4
3995	1231	7.5	14 5.12	+1.2761−.0036	−54 48 3.9	−6.368−.174	10.5	4
3996	4140	6.3	14 8.83	+2.4371+.0010	−26 38 4.2	−6.373−.334	10.3	4
3997	1302	7.3	14 10.21	+1.3362−.0030	−53 52 50.2	−6.375−.182	10.1	4
3998	887	7.3	14 10.55	+0.9932−.0067	−58 38 41.2	−6.375−.134	10.5	4
3999	1234	7.6	14 16.97	+1.3247−.0031	−54 3 54.1	−6.384−.180	10.2	4
4000	3301	7.0	14 21.15	+2.0518+.0009	−38 51 43.2	−6.390−.281	10.0	4

3968S.P. $31^s.23$, $44^n.9$, 9.4, 2.

No.	Name	Mag.	R. A. 1910	Prec. and Sec. Var.	Decl. 1910	Prec. and Sec. Var.	Epoch.	No. Obs.
		M	h m s	s s	° ′ ″	″ ″		
4001	3302	6.9	7 14 21.61	+2.0558+.0009	−38 45 6.5	−6.390−.281	10.1	4
4002	1798	6.9	14 22.18	+2.5562+.0007	−22 10 32.4	−6.391−.350	10.3	4
4003	4260	7.8	14 33.94	+2.3184+.0011	−30 46 27.2	−6.408−.318	11.0	1
4004	1645	3.5	14 44.96	+3.5878−.0075	+22 8 55.5	−6.423−.493	10.3	16,27
4005	3046	6.8	14 54.61	+1.7233−.0003	−46 49 48.8	−6.436−.235	10.0	4
4006	5173	4.9	14 55.48	+2.4986+.0009	−24 23 38.4	−6.437−.342	10.4	7
4007	810	8.7	14 55.70	+0.8479−.0087	−60 21 48.9	−6.438−.114	10.0	4
4008	5176	4.4	14 58.56	+2.4880+.0009	−24 47 22.5	−6.442−.341	10.5	4
4009	243	7.9	15 2.51	−3.6096−.1691	−79 16 36.8	−6.447+.501	10.5	4
4010	4276[1]	7.6	15 4.28	+2.3232+.0011	−30 38 2.8	−6.449−.318	10.3	4
4011	4276[2]	7.9	15 4.48	+2.3232+.0011	−30 38 2.2	−6.450−.318	10.5	2
4012	3512	4.7	15 6.39	+2.1339+.0011	−36 34 10.4	−6.452−.292	10.1	4
4013	3873	6.8	15 7.24	+2.2763+.0012	−32 10 55.4	−6.454−.311	10.0	4
4014	4164	5.4	15 11.32	+2.4439+.0010	−26 25 15.1	−6.459−.334	10.6	4
4015	3093	6.0	15 17.05	+1.8586+.0004	−43 49 19.3	−6.467−.254	10.0	4
4016	3519	5.1	15 26.15	+2.1341+.0011	−36 34 39.3	−6.480−.292	10.1	4
4017	5188	7.3	15 28.75	+2.4885+.0009	−24 47 23.9	−6.483−.340	10.2	4
4018	1871[1]	7.6	15 29.29*	+2.5646+.0007	−21 52 55.0*	−6.484−.351	10.7	3
4019	1871[2]	7.5	15 29.34*	+2.5646+.0007	−21 52 59.3*	−6.484−.351	10.7	3
4020	3309	5.2	15 29.37	+2.0468+.0009	−39 2 42.8	−6.484−.280	10.0	4
4021	2961	8.0	15 33.74	+1.9423+.0006	−41 47 35.4	−6.490−.265	10.2	4
4022	2963	10.3	15 47.15	+1.9617+.0007	−41 18 30.2	−6.509−.268	10.1	1
4023	3696	6.3*	15 52.70	+2.2341+.0012	−33 33 37.8	−6.516−.305	10.1	8
4024	2967	9.5	15 53.49	+1.9616+.0007	−41 18 57.1	−6.517−.268	10.4	4
4025	711	7.2	15 53.82	+0.4853−.0146	−63 57 58.1	−6.518−.064	10.3	4
4026	2680	7.6	15 55.48	+1.5185−.0016	−50 52 52.9	−6.520−.207	10.7	4
4027	2422	8.0	15 58.68	+1.4628−.0020	−51 52 2.6	−6.524−.199	10.3	4
4028	3466	7.9	16 0.51	+2.0898+.0010	−37 52 20.7	−6.527−.285	10.3	4
4029	809	7.3	16 13.04	+0.9621−.0073	−59 5 51.5*	−6.544−.130	10.3	4
4030	3088	7.1	16 16.00	+1.8035+.0001	−45 8 0.4	−6.548−.246	10.1	4
4031	712	8.1	16 16.55	+0.5596−.0134	−63 18 52.7	−6.549−.074	10.3	4
4032	1775	5.2	16 38.28	+3.5474−.0072	+20 36 51.2	−6.579−.486	10.1	4
4033	3065	6.9	16 40.23	+1.7623−.0001	−46 4 2.6	−6.582−.240	10.0	4
4034	1187	7.8	16 47.00	+1.1152−.0055	−57 11 6.6	−6.591−.151	10.0	4
4035	1144	7.8	16 49.80	+1.4354−.0023	−52 22 18.3	−6.595−.195	10.0	4
4036	3067	8.1	16 52.32	+1.7167−.0004	−47 3 13.4	−6.598−.234	10.4	4
4037	730	4.9	16 52.64*	−0.0185−.0252	−67 47 32.4*	−6.599+.005	10.4	23
4038	4208	6.6	16 52.85	+2.4425+.0010	−26 31 57.2	−6.599−.333	10.4	4
4039	2757	7.4	16 54.61	+1.5786−.0012	−49 48 48.1	−6.602−.215	10.1	4
4040	1823	6.5*	17 4.09	+2.5453+.0007	−22 40 52.8	−6.615−.348	10.0	4
4041	582	8.4	17 9.20	−0.9471−.0513	−72 34 39.7	−6.622+.133	10.3	4
4042	4223	5.9	17 15.70	+2.4356+.0010	−26 47 40.0	−6.631−.332	10.2	4
4043	3954	8.5	17 20.41	+2.4025+.0010	−27 58 53.6	−6.637−.328	10.3	4
4044	4400	6.1	17 22.48	+2.4651+.0009	−25 43 20.2	−6.640−.336	10.3	4
4045	3910	7.3	17 25.50	+2.2752+.0011	−32 18 25.8	−6.644−.310	10.6	4
4046	819	8.9	17 30.38	+0.8501−.0091	−60 26 6.9	−6.651−.114	10.2	4
4047	1214	7.2	17 32.55	+1.2173−.0044	−55 48 12.1	−6.654−.164	10.2	4
4048	1189	6.9	17 42.42	+1.0645−.0062	−57 53 7.4	−6.667−.144	10.1	4
4049	1149	7.4	17 42.55	+1.4362−.0024	−52 23 46.4*	−6.668−.195	10.0	4
4050	717	7.5	17 47.83	+0.5758−.0135	−63 13 9.2	−6.675−.076	10.3	4

4037S.P. $52^{s}.75$, $33''.2$, 10.1, 9.

4018–19 Mean $29^{s}.24$, $57''.3$, 10.1, 1.

4029 $49''.8$, $52''.5$, $51''.6$, $52''.2$.

4049 $44''.9$, $46''.6$, $47''.3$, $46''.8$.

No.	Name	Mag.	R. A. 1910	Prec. and Sec. Var.	Decl. 1910	Prec. and Sec. Var.	Epoch.	No. Obs.
		M	h m s	s s	° ′ ″	″ ″		
4051	1191	7.7	7 17 53.24	+1.1114-.0057	-57 16 50.5	-6.682-.150	10.1	4
4052	557	7.3	18 4.02	-0.7108-.0444	-71 35 7.6	-6.697+.100	10.1	4
4053	1153[1]	6.4	18 11.16	+1.4521-.0023	-52 8 42.5	-6.707-.197	10.0	4
4054	1153[2]	7.0	18 11.58	+1.4523-.0023	-52 8 34.1	-6.707-.197	10.0	4
4055	821	6.7	18 20.57	+0.8033-.0099	-60 58 33.0	-6.720-.108	10.2	4
4056	437	7.3	18 22.38	-1.8674-.0872	-75 42 6.0	-6.722+.260	10.6	4
4057	2884	7.5	18 22.70	+1.6573-.0008	-48 20 37.0*	-6.723-.225	10.1	4
4058	2444	9.3	18 24.54	+1.4596-.0022	-52 1 35.3	-6.725-.198	10.3	4
4059	2445	5.5	18 27.05	+1.4661-.0022	-51 54 55.6	-6.729-.198	10.3	4
4060	2446	7.2	18 27.81	+1.4596-.0022	-52 1 41.3	-6.730-.198	10.3	4
4061	2447	6.6	18 34.84	+1.5052-.0018	-51 14 4.7	-6.739-.204	10.0	4
4062	1313	6.7	18 35.72	+1.1977-.0048	-56 7 32.5	-6.741-.162	10.1	4
4063	105	6.4	18 42.24*	-20.079-2.595	-86 53 20.9*	-6.750+2.76	10.1	15,32
4064	2708	7.2	18 43.62	+1.5361-.0016	-50 40 59.8	-6.752-.208	10.5	4
4065	3937	7.0	18 43.66	+2.2735+.0012	-32 24 54.0	-6.752-.309	10.5	4
4066	4420	8.2	18 44.61	+2.2905+.0011	-31 51 37.7	-6.753-.312	10.1	4
4067	2450	8.7	18 48.13	+1.4798-.0020	-51 41 37.1	-6.758-.200	10.4	4
4068	3344	7.6	18 51.17	+2.0622+.0009	-38 45 54.6	-6.762-.280	10.1	4
4069	2890	7.1	18 53.06	+1.6578-.0008	-48 21 21.0	-6.764-.225	10.3	4
4070	2891	8.3	18 54.00	+1.6575-.0008	-48 21 42.3	-6.766-.225	10.3	4
4071	3551[1]	8.8	19 1.44	+2.1672+.0011	-35 44 52.4	-6.776-.294	10.4	4
4072	4439[2]	7.0*	19 1.57	+2.4635+.0009	-25 50 17.3	-6.776-.335	10.7	4
4073	3551[2]	7.5	19 1.62	+2.1672+.0011	-35 44 44.8	-6.776-.294	10.4	4
4074	680	8.2	19 5.84	+0.1071-.0232	-67 1 8.4	-6.782-.012	10.8	4
4075	899	7.7	19 7.67	+1.0202-.0069	-58 30 8.0	-6.784-.137	10.6	4
4076	4430	6.6	19 9.51	+2.2906+.0011	-31 52 22.7	-6.787-.311	10.1	4
4077	1693	9.4	19 10.48	+3.0275-.0019	- 2 3 0.3	-6.788-.412	11.1	1
4078	3347	8.4	19 10.99	+2.0650+.0009	-38 42 17.4	-6.789-.280	10.1	4
4079	4437	5.4	19 34.16	+2.2949+.0011	-31 44 59.6	-6.821-.312	10.2	4
4080	4020	5.1	19 51.52	+2.4142+.0010	-27 39 33.9	-6.844-.328	10.0	4
4081	1224	8.0	20 0.26	+1.2386-.0044	-55 35 51.6	-6.856-.167	10.0	4
4082	3578	6.7	20 5.66	+2.1547+.0011	-36 9 55.0	-6.864-.292	10.0	4
4083	719	8.2	20 5.85	-0.3840-.0360	-70 2 10.6	-6.864+.056	10.3	4
4084	3353	7.9	20 5.99	+2.0588+.0009	-38 54 58.7	-6.864-.279	10.0	4
4085	4454	5.5	20 6.06	+2.2871+.0011	-32 1 37.4	-6.864-.310	10.1	8
4086	1385	3.9	20 8.30	+3.7395-.0104	+27 58 39.1*	-6.868-.509	10.4	14,15
4087	4427	7.0	20 9.92	+2.3396+.0011	-30 16 28.2	-6.870-.318	10.3	4
4088	4321	6.9	20 18.90	+2.3735+.0011	-29 6 50.6	-6.882-.322	10.5	4
4089	4322	6.6	20 23.23	+2.3467+.0011	-30 2 28.6*	-6.888-.318	10.4	4
4090	814	8.4	20 23.72	+0.7300-.0114	-61 49 10.8	-6.889-.097	10.5	4
4091	1855	6.1	20 28.03	+2.5466+.0007	-22 44 11.7	-6.895-.346	10.6	4
4092	4328	2.4	20 32.10	+2.3734+.0011	-29 7 37.8	-6.900-.322	10.3	14,20
4093	4286	6.6	20 33.16	+2.3870+.0011	-28 39 6.8	-6.902-.324	10.6	4
4094	259	8.1	20 35.35	-2.9074-.1416	-78 9 3.1	-6.904+.401	10.8	4
4095	814	7.1	20 35.79	+0.7348-.0113	-61 46 41.9	-6.905-.098	10.5	4
4096	1162	7.5	20 38.89	+1.4468-.0024	-52 20 38.5	-6.909-.195	10.1	4
4097	3569	6.3*	20 42.84	+2.1724+.0011	-35 39 42.9	-6.915-.294	10.3	4
4098	3284	7.1	20 47.34	+2.0437+.0009	-39 21 41.0	-6.921-.277	10.3	4
4099	829	9.1*	20 56.43	+0.8893-.0090	-60 7 46.8	-6.933-.119	10.5	4
4100	1227	6.9	21 5.07	+1.2550-.0043	-55 24 15.8	-6.945-.169	10.0	4

4063S.P. 41ˢ.83, 20″.5, 9.8, 19, 48, 22″.4, 22″.5, 18″.8 included.

4057 35″.6, 37″.5, 37″.3, 37″.4.

4086 (41″.6)

4089 27″.5, 28″.5. 30″.1, 28″.4.

No.	Name	Mag.	R. A. 1910	Prec. and Sec. Var.	Decl. 1910	Prec. and Sec. Var.	Epoch.	No. Obs.
		M	h m s	s s	° ′ ″	″ ″		
4101	4481	8.0	7 21 14.46	+2.3013+.0011	−31 36 19.3	−6.958−.312	10.1	4
4102	4482	5.4	21 16.87	+2.3006+.0011	−31 37 53.4	−6.961−.312	10.1	4
4103	1331	7.0	21 17.40	+1.3892−.0030	−53 19 56.7	−6.962−.187	10.0	4
4104	907	8.5	21 18.77	+1.0083−.0074	−58 44 19.5	−6.964−.135	10.1	4
4105	3594	8.4	21 27.00	+2.1495+.0011	−36 22 47.8	−6.975−.291	10.1	4
4106	1925	5.9	21 28.55	+2.5713+.0006	−21 48 15.8	−6.977−.348	10.1	4
4107	3549[1]	7.8	21 35.80	+2.1248+.0010	−37 6 44.7	−6.987−.287	10.2	4
4108	3549[2]	7.0	21 36.19	+2.1247+.0010	−37 6 50.1	−6.988−.287	10.2	4
4109	1334	7.3	21 38.17	+1.3803−.0031	−53 29 36.2	−6.990−.186	10.0	4
4110	5366	5.9	21 41.40	+2.4875+.0009	−25 2 20.6	−6.995−.337	10.4	5
4111	4341	7.2	21 53.04	+2.4498+.0010	−26 26 47.6	−7.011−.332	10.0	4
4112	565	7.9	21 54.29	−0.6386−.0446	−71 21 27.7*	−7.012+.090	10.3	4
4113	824	7.0	22 3.13	+0.7090−.0120	−62 5 44.7	−7.024−.094	10.0	4
4114	445	8.3	22 13.94	−2.0402−.1000	−76 14 51.6	−7.039+.282	10.1	4
4115	4506	6.2	22 15.60	+2.3040+.0011	−31 33 33.3	−7.041−.312	10.3	4
4116	1774	3.1	22 16.22	+3.2589−.0042	+ 8 28 16.6	−7.042−.442	10.1	29,46
4117	3144	8.0	22 21.30	+1.7341−.0004	−46 55 56.3	−7.049−.234	10.3	4
4118	4355	7.5	22 25.12	+2.4458+.0010	−26 36 38.7	−7.054−.331	10.3	4
4119	220	8.4	22 28.45*	−4.8740−.2778	−81 3 17.6*	−7.059+.668	10.0	2
4120	687	8.1	22 31.02	+0.2149−.0219	−66 21 43.7	−7.063−.026	10.1	4
4121	909	6.6	22 36.54	+1.0464−.0070	−58 19 1.3	−7.070−.140	10.2	4
4122	836	8.1	22 40.16	+0.8479−.0099	−60 39 37.4	−7.075−.113	10.1	4
4123	5477	6.5	22 53.18	+2.5282+.0008	−23 31 53.7	−7.093−.342	10.0	4
4124	1170	7.8	23 0.14	+1.4180−.0028	−52 56 7.1	−7.102−.190	10.1	4
4125	3603	7.8	23 4.58	+2.1977+.0011	−34 59 47.8	−7.108−.296	10.4	6
4126	1874	5.5	23 10.48	+2.5447+.0007	−22 54 15.5	−7.116−.344	10.5	4
4127	1562	4.2	23 19.48*	+3.8519−.0128	+31 57 50.7	−7.129−.522	10.2	12
4128	3813	6.0	23 21.64	+2.2314+.0011	−33 57 33.1	−7.132−.301	10.0	4
4129	3611	6.8	23 40.46	+2.2263+.0011	−34 7 55.8	−7.157−.300	10.0	4
4130	638	7.9	23 49.47	−0.4436−.0398	−70 27 31.0	−7.170+.064	10.0	4
4131	1878	5.7	23 53.34	+2.5511+.0007	−22 40 34.5*	−7.175−.344	10.6	5,4
4132	3823	7.2	23 55.41	+2.2401+.0011	−33 42 24.0	−7.178−.302	10.1	4
4133	1237	8.6*	23 56.78	+1.2785−.0043	−55 10 53.3	−7.179−.171	10.0	4
4134	2761	5.1	24 3.28	+1.5409−.0018	−50 50 11.6	−7.188−.207	9.9	8
4135	4378	6.8	24 13.09	+2.4041+.0010	−28 11 15.3	−7.202−.324	10.0	4
4136	4399	6.5	24 21.62	+2.4466+.0010	−26 39 18.6	−7.213−.330	10.1	4
4137	4383	5.5	24 24.78	+2.3822+.0011	−28 58 18.9	−7.218−.321	10.6	5
4138	3619	8.7	24 36.74	+2.2093+.0011	−34 42 25.1	−7.234−.297	10.0	4
4139	1567	4.8	24 47.23	+3.3418−.0054	+12 11 36.2	−7.248−.451	10.4	5
4140	1277	8.3	24 47.94	+1.2890−.0042	−55 3 40.6	−7.249−.172	10.0	4
4141	4391	8.5	24 49.64	+2.3848+.0011	−28 53 59.2	−7.251−.321	10.0	1
4142	592	9.4	24 55.26	−0.7927−.0518	−72 8 11.6	−7.259+.111	10.1	4
4143	3618	7.4*	25 5.39	+2.1981+.0011	−35 4 28.1	−7.273−.296	10.0	4
4144	4402	6.8	25 6.04	+2.3841+.0011	−28 55 57.8	−7.274−.321	10.0	4
4145	3072	7.5	25 7.47	+1.7264−.0005	−47 13 46.5	−7.276−.232	10.0	4
4146	2507	6.9	25 11.21	+1.5229−.0020	−51 13 5.0	−7.281−.204	10.0	4
4147	3601	6.5	25 12.82	+2.1128+.0010	−37 37 25.5	−7.283−.284	10.2	5
4148	3179	7.5	25 22.73	+1.7413−.0004	−46 55 25.8	−7.296−.233	10.1	4
4149	4590[1]	6.5	25 23.71	+2.3049+.0011	−31 39 45.5	−7.298−.310	10.1	4
4150	4590[2]	7.2	25 24.28	+2.3050+.0011	−31 39 39.7	−7.298−.310	10.1	4

4119 S.P. 28ˢ.54, 19″.5, 9.4, 2; 18″.0, 21″.0.

4127 19ˢ.33 included.

4112 26″.2, 27″.9, 28″.5, 28″.1.

4131 33″.6, 36″.5, 34″.3, 33″.6.

No.	Name	Mag.	R. A. 1910	Prec. and Sec. Var.	Decl. 1910	Prec. and Sec. Var.	Epoch.	No. Obs.
		M	h m s	s s	° ′ ″	″ ″		
4151	829	7.7	7 25 33.03	+0.9688−.0085	−59 23 42.1	−7.310−.128	10.2	4
4152	574	6.5	25 33.06	−0.6016−.0457	−71 17 23.0	−7.310+.085	10.2	5
4153	4593	5.8	25 36.40	+2.3169+.0011	−31 16 12.2	−7.315−.311	10.2	4
4154	3634	6.9*	25 37.80	+2.2100+.0011	−34 43 55.8	−7.317−.297	10.3	4
4155	1241	8.6*	25 40.96	+1.2808−.0044	−55 13 32.2	−7.321−.171	10.1	4
4156	594	9.0	25 43.61	−0.7855−.0521	−72 7 42.6	−7.325+.110	10.0	4
4157	648	8.1	25 45.46	−0.3867−.0391	−70 13 17.5	−7.327+.056	10.2	4
4158	3857	7.2	25 56.25	+2.2342+.0011	−33 59 4.2	−7.342−.300	10.0	4
4159	3400	5.4	25 58.70	+2.0790+.0009	−38 37 32.5	−7.345−.279	9.8	4
4160	1897	4.8	26 2.02	+2.5489+.0007	−22 50 12.2	−7.350−.343	10.3	4
4161	132	7.6	26 14.71*	−9.3801−.7786	−84 18 0.7*	−7.367+1.27	10.6	4
4162	3260[1]	3.3	26 22.50	+1.9089+.0004	−43 7 7.6*	−7.377−.256	10.4	39,38
4163	3260[2]	9.4	26 24.39	+1.9091+.0004	−43 7 1.1	−7.380−.256	10.0	4
4164	1236	6.5*	26 33.34	+1.0933−.0068	−57 53 11.2	−7.392−.145	9.9	4
4165	261	7.7	26 42.58	−3.3088−.1786	−78 59 13.8	−7.404+.451	10.0	4
4166	3467	7.9	27 2.15	+1.8433+.0001	−44 43 24.7	−7.431−.246	10.0	4
4167	736	7.8	27 2.60	−0.2281−.0350	−69 23 29.6	−7.432+.034	10.1	4
4168	3196	7.4	27 6.57	+1.7647−.0003	−46 30 3.8	−7.437−.236	10.0	4
4169	4159	7.8	27 8.80	+2.4153+.0010	−27 54 26.0	−7.440−.324	10.1	4
4170	4160	8.3	27 9.08	+2.4146+.0010	−27 55 53.4	−7.440−.324	10.1	4
4171	3879	7.4	27 12.59	+2.2387+.0012	−33 54 4.3	−7.445−.300	10.0	4
4172	4620	4.8	27 12.61	+2.3336+.0011	−30 46 21.6	−7.445−.313	10.0	4
4173	644	7.3	27 13.46	−0.0664−.0306	−68 25 53.6	−7.446+.012	10.2	4
4174	3190	6.6	27 18.48	+2.0017+.0007	−40 47 57.6	−7.453−.268	10.1	4
4175	3637	6.6	27 31.12	+2.1329+.0010	−37 9 2.3	−7.470−.285	10.2	4
4176	1247	8.5	27 34.56	+1.2939−.0044	−55 6 59.1	−7.475−.172	10.4	4
4177	2796	7.9	27 38.32	+1.5406−.0020	−51 0 52.5	−7.480−.205	10.3	4
4178	3660	7.5*	27 43.02	+2.2111+.0011	−34 47 37.5	−7.486−.296	10.2	4
4179	1198	5.9	27 48.74	+1.4593−.0027	−52 27 46.4	−7.494−.194	10.0	4
4180	2803	6.7	28 7.02	+1.5740−.0017	−50 25 8.4	−7.519−.210	10.0	4
4181	721	6.3	28 7.47	+0.4961−.0173	−64 19 14.9	−7.519−.064	10.1	4
4182	3650	6.5	28 10.16	+2.1738+.0011	−35 57 42.8	−7.523−.291	10.0	4
4183	2885	9.7	28 10.46	+1.5996−.0015	−49 56 14.9	−7.524−.213	10.1	4
4184	3365	9.4	28 10.80	+2.0388+.0008	−39 50 45.3	−7.524−.272	10.1	4
4185	1358	7.8	28 17.30	+1.2275−.0052	−56 7 44.0	−7.533−.163	10.1	4
4186	1985	9.4	28 23.10	+3.0796−.0027	+ 0 19 40.0	−7.541−.413	11.1	1
4187	3652	6.5*	28 26.27	+2.1830+.0011	−35 41 45.5	−7.545−.292	10.1	4
4188	1294	5.9	28 28.96	+1.3554−.0038	−54 12 33.1	−7.548−.180	10.2	4
4189	2809	7.6	28 31.25	+1.5456−.0020	−50 58 0.9	−7.552−.206	10.1	4
4190	1361	7.0	28 33.44	+1.1649−.0061	−57 1 13.3	−7.554−.154	10.1	4
4191	846	7.8	28 41.90	+0.8346−.0110	−61 3 27.9	−7.566−.109	10.3	4
4192	445	8.0	28 46.37	−1.6792−.0913	−75 24 13.8	−7.572+.230	10.1	4
4193	1581[1]	2.8	28 51.27*	+3.8482−.0137	+32 5 7.8	−7.579−.516	9.9	14,15
4194	1581[2]	2.0	28 51.58	+3.8482−.0137	+32 5 12.3	−7.579−.516	10.1	21
4195	3307	8.0	28 51.93	+1.9149+.0004	−43 5 52.4	−7.580−.255	10.0	4
4196	3659	6.3	29 6.00	+2.1816+.0011	−35 46 5.3	−7.598−.291	9.8	5
4197	1364	7.6	29 22.54	+1.2098−.0056	−56 25 57.5	−7.621−.160	10.0	4
4198	5566	5.7	29 23.98	+2.5088+.0008	−24 31 0.5	−7.623−.335	10.4	4
4199	3388	8.2	29 29.94	+2.0426+.0008	−39 48 30.8	−7.631−.272	10.0	4
4200	1250	7.0	29 45.28	+1.1150−.0069	−57 44 51.7	−7.651−.147	10.0	4

4161 S.P. 14ˢ.36, 1″.2, 9.4, 2. 4162 (9″.5). 4193 (51ˢ.47).

No.	Name	Mag.	R. A. 1910	Prec. and Sec. Var.	Decl. 1910	Prec. and Sec. Var.	Epoch.	No. Obs.
		M	h m s	s s	° ′ ″	″ ″		
4201	2901	8.5	7 29 54.91	+1.6185−.0014	−49 39 35.1	−7.664−.215	10.0	4
4202	3915	7.1	30 1.41	+2.2645+.0012	−33 12 17.3	−7.673−.302	10.5	7
4203	3398	6.2*	30 9.55	+2.0418+.0008	−39 51 48.6	−7.684−.272	10.0	4
4204	2007	4.5	30 11.98	+2.5713+.0006	−22 6 4.3	−7.687−.343	10.4	8
4205	4522	6.6	30 15.98	+2.4060+.0010	−28 22 20.2	−7.693−.321	10.0	4
4206	3325	6.4	30 19.96	+1.9263+.0004	−42 53 24.8	−7.698−.256	10.0	4
4207	1424	4.2	30 22.74	+3.7038−.0113	+27 5 47.4	−7.702−.495	10.1	4
4208	5709^{1}	5.9	30 30.33	+2.5419+.0007	−23 16 37.2	−7.712−.339	10.4	4
4209	5709^{2}	6.0	30 31.04	+2.5418+.0007	−23 16 40.6	−7.713−.339	10.4	4
4210	3715	5.5	30 35.60	+2.1718+.0011	−36 8 31.9	−7.719−.289	9.9	8
4211	265	5.4	30 36.20*	−3.2174−.1816	−78 54 22.8*	−7.720+.436	10.0	9
4212	728	7.6	30 37.82	+0.5237−.0174	−64 10 47.0	−7.722−.067	10.0	4
4213	1357	7.0	30 39.12	+1.4144−.0033	−53 21 36.5	−7.724−.187	10.1	4
4214	4719	6.6*	30 46.31	+2.4733+.0009	−25 55 8.7	−7.734−.329	10.4	4
4215	4537	9.4	30 47.49	+2.4100+.0010	−28 15 8.8	−7.735−.321	10.2	4
4216	3926	6.1	30 49.45	+2.2637+.0012	−33 16 5.6	−7.738−.301	10.2	6
4217	3407	6.6	30 54.21	+2.0488+.0009	−39 42 37.3	−7.744−.272	10.0	4
4218	4574	5.8	30 54.63	+2.4494+.0010	−26 49 0.0	−7.745−.326	10.2	4
4219	3334	6.5	30 56.86	+1.9265+.0004	−42 55 2.0	−7.748−.256	10.2	5,4
4220	1305	8.0	31 1.17	+1.3147−.0044	−54 58 0.1	−7.754−.174	10.2	4
4221	2835	6.8	31 4.89	+1.5836−.0017	−50 23 16.8	−7.759−.210	10.4	4
4222	4738	7.9	31 23.92	+2.4740+.0009	−25 55 16.0	−7.784−.329	10.0	4
4223	2914	8.5	31 24.15	+1.6278−.0014	−49 33 15.2	−7.784−.215	10.1	4
4224	3173	7.3	31 26.04	+1.9685+.0006	−41 52 33.1	−7.787−.261	10.3	4
4225	4557	7.8	31 26.98	+2.4095+.0010	−28 17 58.0*	−7.788−.320	10.2	5
4226	3338	7.2	31 31.18	+1.9560+.0006	−42 12 5.7	−7.794−.259	10.1	4
4227	4566	4.6	31 46.03	+2.4135+.0010	−28 10 12.1	−7.814−.321	10.6	5
4228	4750	7.7	31 49.93	+2.4735+.0009	−25 57 17.0	−7.819−.329	10.0	4
4229	4603	6.5	31 52.12	+2.4609+.0009	−26 25 47.3	−7.822−.327	10.0	4
4230	3546	6.4	31 56.14	+1.8637+.0002	−44 29 39.6	−7.827−.247	10.1	4
4231	935	7.2	31 57.37	+1.0249−.0084	−59 0 3.8	−7.829−.134	10.1	4
4232	3549	6.9	32 1.98	+1.8806+.0002	−44 5 51.3	−7.835−.249	10.1	4
4233	5756	6.8	32 5.57	+2.5416+.0007	−23 20 55.5	−7.840−.338	10.0	4
4234	4574	10.2	32 6.33	+2.4094+.0010	−28 19 48.9	−7.841−.320	9.9	1
4235	3699	8.0	32 14.14	+2.1385+.0011	−37 13 13.9	−7.852−.284	10.0	5
4236	2030	6.5	32 15.62	+2.5767+.0006	−21 57 36.0	−7.854−.342	10.0	4
4237	3710	7.6	32 20.98	+2.1805+.0011	−35 57 47.8	−7.861−.289	10.1	4
4238	2571	6.3	32 21.18	+1.5394−.0021	−51 16 33.3	−7.861−.203	10.0	4
4239	1365	7.0	32 23.23	+1.3888−.0036	−53 52 0.7	−7.864−.183	10.1	4
4240	3953	7.1	32 26.47	+2.2684+.0012	−33 11 33.1	−7.868−.301	10.3	6
4241	849	8.0	32 43.08	+0.9407−.0098	−60 2 44.7	−7.890−.123	10.1	4
4242	3709	7.1	32 43.13	+2.1385+.0011	−37 14 43.6	−7.890−.283	10.1	4
4243	4775	6.8	32 47.17	+2.4963+.0008	−25 7 54.2	−7.896−.331	10.1	4
4244	1979	5.2	32 48.21	+2.9886−.0020	− 3 54 34.8	−7.897−.397	10.1	5
4245	3191	8.1	33 16.90	+1.9721+.0006	−41 52 51.7	−7.936−.261	10.0	4
4246	448	7.7	33 17.46	−1.3511−.0811	−74 29 41.5	−7.936+.184	10.0	4
4247	447	7.4	33 18.48	−1.2339−.0758	−74 5 39.9	−7.938+.168	10.0	4
4248	4655	6.8	33 22.25	+2.4577+.0010	−26 36 45.5	−7.943−.326	10.0	4
4249	860	8.2	33 24.58	+0.8697−.0112	−60 52 58.9	−7.946−.113	10.1	4
4250	1231	4.9	33 26.13	+1.4833−.0027	−52 19 57.6	−7.948−.194	9.9	4

4211 S.P. $36^{s}.31$, $22''.3$, 10.1, 19. 4225 $57''.0$, $57''.8$, $58''.1$, $57''.8$, $59''.5$.

No.	Name	Mag.	R. A. 1910	Prec. and Sec. Var.	Decl. 1910	Prec. and Sec. Var.	Epoch.	No. Obs.
		M	h m s	s s	° ′ ″	″ ″		
4251	3573	7.0	7 33 26.50	+1.8561+.0001	-44 45 20.2	-7.949-.245	10.1	4
4252	656	6.7	33 28.07	-0.0530-.0328	-68 34 10.0	-7.951+.010	10.2	4
4253	5791	6.3	33 28.56	+2.5372+.0007	-23 34 22.5	-7.951-.336	10.1	4
4254	1372	8.5	33 28.75	+1.3886-.0037	-53 55 32.5	-7.952-.182	10.2	4
4255	3065	8.1	33 40.61	+1.6793-.0010	-48 38 42.5	-7.967-.221	10.1	4
4256	3579	7.0	33 50.72	+1.8558+.0001	-44 47 6.8	-7.981-.245	10.0	4
4257	3444	7.0*	33 53.82	+2.0444+.0008	-39 59 20.8	-7.985-.270	10.0	4
4258	3755	4.6	34 2.23	+2.2219+.0012	-34 45 56.4	-7.996-.294	10.0	8
4259	3310	7.1	34 5.49	+1.8373-.0000	-45 13 44.8	-8.001-.242	10.2	4
4260	1282	6.4	34 6.99	+1.2773-.0051	-55 41 8.9	-8.003-.167	10.2	4
4261	3755	7.2	34 7.66	+2.1753+.0011	-36 12 50.9	-8.003-.287	10.2	4
4262	1375	7.6	34 7.87	+1.4095-.0035	-53 37 6.6	-8.004-.185	10.4	4
4263	3586	7.8	34 7.96	+1.8547+.0001	-44 49 31.5	-8.004-.245	10.2	4
4264	3069	5.9	34 12.65	+1.6816-.0010	-48 37 38.5	-8.010-.221	10.1	4
4265	1277	6.8	34 17.37	+1.1795-.0064	-57 5 43.0	-8.016-.154	10.2	4
4266	1378	6.8	34 21.32	+1.3878-.0038	-53 59 3.6	-8.022-.182	10.2	4
4267	3760	6.5*	34 25.83	+2.2127+.0012	-35 4 25.2	-8.028-.292	10.0	4
4268	4833	6.6	34 29.63	+2.3096+.0012	-31 55 34.5	-8.033-.305	10.0	4
4269	4828	4.6	34 33.25	+2.4975+.0009	-25 9 35.8	-8.038-.330	10.5	4
4270	3736	6.3	34 34.06	+2.1226+.0010	-37 48 28.0	-8.039-.280	10.0	4
4271	1739	0.5	34 35.49	+3.1894-.0042	+ 5 27 21.3	-8.041-.422	10.1	47,65
4272	3743	8.4	34 40.78	+2.1863+.0011	-35 54 24.9	-8.048-.289	10.0	4
4273	4838	7.2	34 41.13	+2.3298+.0012	-31 14 54.7	-8.048-.308	10.1	4
4274	1383	8.2	34 54.03	+1.3961-.0037	-53 52 39.4	-8.065-.183	10.1	4
4275	947	8.1	34 54.56	+1.1013-.0076	-58 10 29.1	-8.066-.144	9.9	4
4276	4847,	7.2	34 59.41	+2.3183+.0012	-31 39 23.0	-8.073-.306	10.2	4
4277	4707[1]	4.6	35 8.01	+2.4602+.0010	-26 35 47.6	-8.084-.325	10.5	4
4278	4707[2]	4.5	35 8.53	+2.4602+.0010	-26 35 54.6	-8.085-.325	10.6	5
4279	3414	8.0	35 9.09	+1.9146+.0004	-43 26 12.2	-8.086-.252	10.0	4
4280	3220	9.5	35 14.31	+1.9736+.0006	-41 57 0.9	-8.092-.260	10.1	4
4281	3463	6.5	35 19.22	+2.0545+.0009	-39 47 10.8	-8.099-.270	10.3	4
4282	3521	6.2	35 23.56	+2.0976+.0010	-38 34 29.0	-8.105-.276	10.1	4
4283	3773	5.7	35 28.16	+2.1751+.0011	-36 17 27.1	-8.111-.286	10.0	4
4284	3091	5.6	35 45.50	+1.6970-.0010	-48 23 44.1	-8.134-.223	9.8	4
4285	4722	6.2	35 45.62	+2.4594+.0010	-26 39 21.8	-8.134-.324	9.9	4
4286	1393	8.1	35 47.51	+1.1910-.0064	-57 0 42.5	-8.137-.155	10.0	4
4287	4723	6.7	35 48.65	+2.4579+.0010	-26 42 42.8	-8.138-.324	9.9	4
4288	760	8.2	35 50.63	+0.6657-.0155	-63 5 46.2	-8.141-.085	10.1	4
4289	3425	9.0	35 50.92	+1.9181+.0006	-43 23 17.7	-8.141-.252	10.1	4
4290	1291	8.9	35 57.98	+1.2641-.0054	-55 58 27.4	-8.151-.165	10.3	4
4291	3619	8.1	35 58.93	+1.8676+.0001	-44 37 24.6	-8.152-.245	10.1	4
4292	785	7.9	36 2.86	+0.1722-.0274	-67 10 26.7	-8.157-.019	10.2	4
4293	4674	7.3	36 3.34	+2.3963+.0011	-28 59 1.5	-8.158-.316	10.0	4
4294	3530	8.0	36 12.49	+2.1109+.0010	-38 14 13.3	-8.170-.278	10.2	4
4295	666	7.4	36 12.63	-0.3395-.0431	-70 19 10.8	-8.170+.049	10.4	4
4296	3531	4.9	36 17.00	+2.1157+.0010	-38 6 2.9	-8.176-.278	10.3	6
4297	1391	7.7	36 19.02	+1.3987-.0038	-53 54 37.1	-8.179-.183	10.0	4
4298	319	8.1	36 26.62	-2.6104-.1540	-77 53 8.4	-8.189+.351	10.1	4
4299	659	7.0	36 28.11	-0.0807-.0348	-68 51 8.0	-8.191+.014	10.5	4
4300	2897	8.3	36 28.29	+1.5996-.0018	-50 22 15.6	-8.191-.209	10.0	4

No.	Name	Mag.	R. A. 1910	Prec. and Sec. Var.	Decl. 1910	Prec. and Sec. Var.	Epoch.	No. Obs.
		M	h m s	s s	° ′ ″	″ ″		
4301	4737	7.3	7 36 31.11	+2.3695+.0011	−29 57 38.6	−8.195−.312	10.2	4
4302	2899	7.6	36 32.26	+1.5734−.0020	−50 52 15.5	−8.196−.206	10.3	4
4303	3767	5.7	36 32.93	+2.1220+.0010	−37 55 53.8	−8.197−.279	9.8	4
4304	3768	5.8	36 37.21	+2.1180+.0010	−38 3 9.5	−8.203−.278	10.3	4
4305	3538	7.9	36 42.96	+2.1083+.0010	−38 20 24.1	−8.211−.277	10.6	5
4306	1299	6.8	36 43.93	+1.2636−.0054	−56 1 20.9	−8.212−.164	10.1	4
4307	3770	6.0	36 45.22	+2.1415+.0011	−37 22 14.7	−8.214−.281	10.3	4
4308	3102	7.1	36 45.83	+1.6779−.0011	−48 50 36.7	−8.214−.220	10.3	4
4309	458	7.3	36 46.98	−2.1580−.1270	−76 52 52.3	−8.216+.291	10.6	4
4310	3396	7.3	36 47.98	+1.9330+.0004	−43 4 17.5	−8.217−.254	10.1	4
4311	1242	6.2	36 50.06	+1.4511−.0032	−53 3 57.1	−8.220−.189	10.1	4
4312	4751	6.9	36 52.81*	+2.3725+.0011	−29 52 15.4	−8.224−.312	10.1	3,4
4313	4752	7.4	36 55.36	+2.3734+.0011	−29 50 25.0	−8.227−.312	10.1	4
4314	2172	4.1	36 56.84	+2.8721−.0012	− 9 20 26.2	−8.229−.378	9.8	4
4315	3399	8.4	36 59.58	+1.9651+.0006	−42 15 54.1	−8.233−.258	10.0	4
4316	785	7.3	37 4.06	+0.3729−.0225	−65 42 39.9	−8.239−.046	10.1	4
4317	457	6.5	37 12.72*	−1.1950−.0778	−74 4 16.1*	−8.250+.162	10.4	4
4318	3481	6.7*	37 12.92	+2.0788+.0010	−39 12 35.8	−8.250−.273	10.2	4
4319	869	7.5	37 15.24	+0.9267−.0107	−60 25 20.9	−8.254−.120	10.3	4
4320	4910	6.6	37 23.08	+2.3278+.0012	−31 27 4.0	−8.264−.306	9.8	4
4321	3366	7.4	37 23.63	+1.8490+.0000	−45 8 25.2	−8.265−.242	10.1	4
4322	2077	6.4	37 31.49	+2.5776+.0006	−22 7 35.0	−8.275−.339	10.0	4
4323	2908	8.0	37 31.50	+1.6031−.0018	−50 21 46.4	−8.275−.209	10.0	4
4324	1986	6.8	37 54.02	+2.5763+.0006	−22 11 38.3	−8.305−.338	10.0	4
4325	788	7.7	37 59.15	+0.1740−.0280	−67 14 19.8	−8.312−.020	10.0	4
4326	3413	7.5	38 2.95	+1.9397+.0005	−42 58 25.2	−8.317−.254	10.0	4
4327	3556	5.5	38 5.88	+2.1115+.0010	−38 19 22.1	−8.321−.276	9.7	4
4328	458	7.6	38 6.66	−1.5745−.0970	−75 20 17.6	−8.322+.212	10.0	4
4329	2052	9.0	38 11.44	+3.0745−.0031	+ 0 5 50.4	−8.328−.404	11.1	1
4330	3225	7.5	38 24.55	+1.7409−.0007	−47 37 11.0	−8.346−.227	10.0	4
4331	3655	6.4	38 32.37	+1.8821+.0002	−44 25 14.0	−8.356−.246	10.0	4
4332	3471	7.3	38 32.46	+1.9228+.0004	−43 25 25.0	−8.356−.251	10.1	4
4333	4940	7.0	38 32.53	+2.3174+.0012	−31 52 0.4	−8.356−.304	10.0	4
4334	4805	6.9	38 33.18	+2.3719+.0012	−29 58 26.8	−8.357−.311	10.1	4
4335	3656	8.5	38 37.72	+1.8718+.0001	−44 40 16.3	−8.363−.244	10.1	4
4336	723	9.5	38 39.78	+0.2777−.0254	−66 30 45.9	−8.366−.033	10.2	4
4337	1308	7.5	38 43.23	+1.3096−.0050	−55 26 24.7	−8.370−.170	10.0	4
4338	3564	6.2	38 47.93	+2.1131+.0010	−38 18 58.7	−8.376−.276	10.1	4
4339	1348	6.8	38 49.38	+1.3707−.0042	−54 29 45.8	−8.378−.178	10.4	4
4340	1759	3.7	39 0.94	+3.6285−.0111	+24 36 52.3	−8.394−.477	10.2	9,15
4341	3569	8.3	39 1.28	+2.1139+.0010	−38 18 22.4	−8.394−.276	10.3	4
4342	2091	6.9	39 2.91	+2.5877+.0005	−21 46 41.1	−8.396−.339	10.3	4
4343	4824	5.8	39 5.22	+2.4771+.0009	−26 8 12.8	−8.399−.324	10.1	4
4344	963	8.0	39 13.78	+1.0806−.0084	−58 39 32.6	−8.411−.139	10.0	4
4345	1251	8.0	39 17.35	+1.4639−.0032	−52 58 55.9	−8.415−.190	10.3	4
4346	4446	6.9	39 23.35	+2.4424+.0010	−27 27 16.5	−8.423−.320	10.0	4
4347	738	8.8	39 32.32	+0.5565−.0187	−64 16 23.5	−8.435−.070	10.1	4
4348	3580	7.9	39 41.48	+2.1014+.0010	−38 42 16.6	−8.447−.274	10.0	1
4349	321	6.5	39 42.62	−2.3612−.1440	−77 25 36.7	−8.449+.316	10.3	4
4350	1463	1.2	39 48.68	+3.7234−.0130	+28 14 39.4	−8.457−.488	9.9	36,35

4312 ($52^s.61$). 4317 Mean.

No.	Name	Mag.	R. A. 1910	Prec. and Sec. Var.	Decl. 1910	Prec. and Sec. Var.	Epoch.	No. Obs.
		M	h m s	s s	° ′ ″	″ ″		
4351	873	7.9	7 39 48.91	+0.9916−.0099	−59 47 22.0	−8.457−.127	9.9	4
4352	1404	6.8	39 54.01	+1.2696−.0056	−56 6 6.3	−8.464−.164	10.1	4
4353	4966	6.7	39 54.07	+2.5002+.0009	−25 17 19.0	−8.464−.327	10.0	4
4354	3809	5.6	39 54.29	+2.1977+.0012	−35 50 8.2	−8.464−.287	9.9	4
4355	4767	4.8	39 54.37	+2.4231+.0010	−28 11 47.4	−8.464−.317	10.4	4
4356	3583	6.7	39 57.52	+2.1039+.0010	−38 38 56.2	−8.468−.274	10.1	4
4357	3675	5.2	40 10.00	+1.8641+.0001	−44 56 40.0	−8.485−.243	10.1	4
4358	1356	6.9	40 10.79	+1.3456−.0046	−54 57 53.6	−8.486−.174	10.1	4
4359	4774	4.1	40 11.65	+2.4086+.0011	−28 44 21.0	−8.487−.314	10.4	8
4360	1319	7.2	40 28.68	+1.2832−.0054	−55 55 53.8	−8.510−.166	10.0	4
4361	6064	8.1	40 29.65	+2.5420+.0007	−23 40 24.7	−8.511−.332	10.3	4
4362	3817	7.6	40 31.04	+2.1934+.0012	−36 0 8.5	−8.513−.286	10.2	4
4363	967	6.4	40 31.20	+1.1046−.0081	−58 24 59.6	−8.513−.142	10.2	4
4364	3820	6.4	40 31.54	+2.1277+.0011	−37 59 10.7	−8.513−.277	10.3	4
4365	3377	5.1	40 38.01	+2.0316+.0008	−40 42 48.3	−8.522−.264	10.1	12
4366	3014	6.6	40 39.23	+1.6423−.0015	−49 46 37.4	−8.524−.213	10.4	4
4367	3826	8.1	40 39.68	+2.1443+.0011	−37 30 14.9	−8.524−.279	10.3	4
4368	4987 1	7.4	40 39.72	+2.3323+.0012	−31 27 51.2	−8.524−.304	10.4	4
4369	3531 1	8.6	40 39.97	+2.0698+.0009	−39 39 31.7	−8.525−.270	10.4	4
4370	3531 2	9.7	40 40.06	+2.0699+.0009	−39 39 23.9	−8.525−.270	10.4	4
4371	969	7.5	40 42.14	+1.1023−.0082	−58 27 18.6	−8.527−.142	10.2	4
4372	3379	6.7	40 43.06	+2.0544+.0009	−40 5 34.6	−8.529−.267	10.2	4
4373	5885	5.5	40 47.12	+2.5225+.0008	−24 27 26.2	−8.534−.329	10.6	5,4
4374	764	7.4	40 48.86	−0.1848−.0401	−69 38 3.4	−8.536+.028	10.8	4
4375	1320	7.6	40 51.04	+1.3395−.0048	−55 5 50.8	−8.539−.173	10.0	4
4376	3825	5.8	40 52.29	+2.1990+.0012	−35 50 51.8	−8.541−.286	9.9	4
4377	883	7.0	41 2.21	+1.0542−.0090	−59 5 8.7	−8.554−.135	10.1	4
4378	2650	6.6	41 4.61	+1.5284−.0026	−51 57 6.1	−8.557−.198	10.2	4
4379	1305	6.2	41 11.64	+1.1378−.0076	−58 0 54.4	−8.566−.146	10.1	4
4380	881	9.6	41 13.54	+0.9725−.0104	−60 5 15.7	−8.569−.124	10.3	4
4381	1417	9.3	41 16.72	+1.4184−.0038	−53 51 32.5	−8.573−.183	10.3	4
4382	799	8.4	41 20.16	+0.1617−.0295	−67 27 47.7	−8.578−.018	10.8	4
4383	3841	5.9	41 21.88	+2.1382+.0011	−37 43 32.3	−8.580−.278	10.0	5
4384	1418	6.9	41 23.00	+1.4087−.0039	−54 1 30.0*	−8.581−.182	10.2	4,3
4385	1264	8.5	41 26.10	+1.4917−.0030	−52 37 22.1	−8.585−.193	10.3	4
4386	874	9.0	41 31.63	+0.8316−.0131	−61 41 3.4	−8.593−.106	10.2	4
4387	607	7.1	41 38.75	−0.5454−.0537	−71 32 56.5	−8.602+.076	10.7	4
4388	1585	5.3	41 42.33	+3.8756−.0165	+33 38 13.8	−8.607−.507	10.4	7
4389	2947	6.8	41 47.68	+1.6220−.0017	−50 14 33.0*	−8.614−.210	10.0	4
4390	2948	7.9	41 51.71	+1.6217−.0017	−50 15 7.8	−8.619−.210	10.0	4
4391	3861	6.4	41 52.10	+2.1410+.0011	−37 40 9.4	−8.620−.278	10.1	4
4392	733	7.3	41 55.02	+0.2730−.0265	−66 41 13.9	−8.624−.032	10.1	4
4393	875	8.1	41 56.97	+0.8336−.0132	−61 41 3.3	−8.626−.106	10.2	4
4394	3391	6.9	41 59.35	+1.7884−.0004	−46 47 25.1	−8.629−.232	10.0	4
4395	3562	7.4	42 1.80	+2.0736+.0010	−39 37 47.7*	−8.632−.269	10.5	4
4396	3863	3.7	42 2.85	+2.1387+.0011	−37 44 58.9	−8.634−.278	10.0	15
4397	6155	6.6	42 3.73	+2.5346+.0008	−24 2 11.3	−8.635−.330	10.1	4
4398	3565	7.0	42 13.34	+2.0918+.0010	−39 7 34.5	−8.648−.271	10.4	4
4399	4113	5.4	42 13.57	+2.2595+.0012	−33 59 41.9	−8.648−.293	9.9	4
4400	2016	6.9	42 13.57	+2.5627+.0006	−22 55 16.3	−8.648−.333	10.4	4

4384 (27″.0). 4389 31″.4, 33″.6, 33″.2, 33″.6. 4395 46″.0, 48″.2, 48″.4, 48″.3.

No.	Name	Mag.	R. A. 1910	Prec. and Sec. Var.	Decl. 1910	Prec. and Sec. Var.	Epoch.	No. Obs.
		M	h m s	s s	° ′ ″	″ ″		
4401	3868	6.8	7 42 13.85	+2.1515+.0011	-37 22 37.8	-8.648-.279	10.2	4
4402	3534	6.1	42 24.64	+1.9275+.0004	-43 31 58.7	-8.662-.250	9.8	4
4403	3708	8.8	42 30.52	+1.8678+.0001	-44 59 42.3	-8.670-.242	10.3	4
4404	3709	7.4	42 35.80	+1.8819+.0002	-44 39 46.1	-8.677-.244	10.3	4
4405	1273	8.5	42 39.75	+1.4892-.0031	-52 44 12.7	-8.682-.192	10.4	4
4406	3044	7.5	42 40.26	+1.6335-.0016	-50 4 7.5	-8.683-.211	10.4	4
4407	1418	8.3	42 46.12	+1.2538-.0060	-56 29 23.0	-8.691-.161	10.2	4
4408	627	3.9	42 56.02*	-0.7202-.0616	-72 23 24.1*	-8.704+.098	10.1	19
4409	3886	5.9	42 57.86	+2.1417+.0011	-37 42 47.6	-8.706-.277	10.0	5
4410	627	9.5	42 59.27	-0.7203-.0616	-72 23 31.4	-8.708+.098	10.0	4
4411	3718	7.8	43 4.28	+1.8882+.0002	-44 32 24.3	-8.714-.244	10.0	4
4412	3890	7.8	43 6.03	+2.1432+.0011	-37 40 35.8	-8.717-.278	10.0	4
4413	2027	5.8	43 20.43	+2.5793+.0006	-22 17 51.9	-8.736-.335	10.4	4
4414	3895	6.5	43 20,46	+2.1479+.0011	-37 33 0.9	-8.736-.278	10.0	4
4415	3587	6.6	43 27.19	+2.0692+.0010	-39 50 16.9	-8.745-.268	10.0	4
4416	3723	7.8	43 33.35	+1.8758+.0001	-44 51 57.7	-8.753-.242	10.0	4
4417	878	8.0	43 34.37	+0.7891-.0143	-62 13 57.7	-8.754-.100	10.2	4
4418	612	7.3	43 38.01	-0.4838-.0525	-71 19 27.1	-8.759+.067	10.2	4
4419	768	8.0	43 39.46	-0.2020-.0421	-69 50 34.0	-8.761+.030	10.3	4
4420	737	7.7	43 40.08	+0.2431-.0279	-66 59 0.5	-8.761-.028	10.2	4
4421	1420	6.4	43 42.76	+1.2565-.0061	-56 30 6.6	-8.765-.161	10.1	4
4422	2684	7.3	43 47.87	+1.5710-.0022	-51 19 45.3	-8.772-.202	10.4	4
4423	3181	7.2	43 52.34	+1.6894-.0012	-49 1 12.3	-8.778-.218	10.4	4
4424	986	8.1	43 53.31	+1.0939-.0086	-58 44 2.2	-8.779-.140	10.2	4
4425	3874	6.6	43 56.42	+2.2045+.0012	-35 51 4.6	-8.783-.285	10.4	4
4426	3595	6.3	43 57.27	+2.0960+.0010	-39 6 31.5	-8.784-.271	10.4	4
4427	3906	7.2	43 58.88	+2.1425+.0011	-37 44 53.7	-8.786-.277	10.0	4
4428	3421	7.0	44 3.80	+1.8034-.0003	-46 34 45.6	-8.793-.232	10.1	4
4429	3384	7.0	44 5.55	+2.0182+.0008	-41 16 51.2	-8.795-.261	10.3	4
4430	3385	7.8	44 5.83	+2.0177+.0008	-41 17 40.9	-8.795-.260	10.3	4
4431	3303	7.2	44 7.13	+1.7440-.0007	-47 53 24.3	-8.797-.225	10.2	4
4432	806	6.4	44 9.66	+0.3942-.0239	-65 51 8.8	-8.800-.048	10.5	5
4433	3650	5.1	44 13.79	+2.1248+.0011	-38 17 16.8	-8.806-.274	10.1	4
4434	2971	7.5	44 16.14	+1.6019-.0020	-50 46 33.5	-8.809-.206	10.3	4
4435	5081	4.6	44 20.65	+2.4945+.0009	-25 42 48.0	-8.815-.323	10.3	4
4436	5999	6.8	44 24.97	+2.5293+.0008	-24 21 11.2	-8.820-.327	10.0	4
4437	273	6.8	44 27.32	-2.6578-.1722	-78 10 21.4	-8.823+.351	10.6	4
4438	770	6.2	44 29.52	-0.1541-.0408	-69 36 4.9	-8.826+.024	10.6	4
4439	3062	7.2	44 29.89	+1.6445-.0016	-49 57 41.0	-8.827-.211	10.5	4
4440	797	7.7	44 33.06	+0.6156-.0184	-63 58 22.4	-8.831-.077	10.3	4
4441	1278	7.1	44 39 29	+1.5304-.0027	-52 7 26.2	-8.839-.196	10.0	4
4442	2976	9.1	44 41.96	+1.5945-.0020	-50 56 32.4	-8.843-.205	10.1	4
4443	3435	5.3	44 48.26	+1.8140-.0002	-46 23 5.4	-8.851-.233	9.8	4
4444	1381	9.3	44 48.94	+1.3671-.0046	-54 53 21.3	-8.852-.175	10.1	4
4445	990	7.6	44 49.83	+1.0875-.0088	-58 52 0.6	-8.853-.138	10.1	5
4446	3437	7.1	44 53.56	+1.7964-.0004	-46 47 20.8	-8.858-.231	10.0	4
4447	3438	7.9	44 55.80	+1.7939-.0004	-46 50 49.5*	-8.861-.231	10.1	4,3
4448	3490	6.0	45 3.90	+2.0516+.0009	-40 25 36.6	-8.871-.264	10.1	4
4449	888	7.4	45 4.35	+0.8914-.0125	-61 12 50.7	-8.872-.113	10.7	4
4450	6019	8.0	45 5.72	+2.5203+.0008	-24 44 31.4	-8.874-.326	10.8	4

4408S.P. 56^s.16, 24″.0, 9.9, 10.

4447 (35″.7).

No.	Name	Mag.	R. A. 1910	Prec. and Sec. Var.	Decl. 1910	Prec. and Sec. Var.	Epoch.	No. Obs.
		M	h m s	s s	° ′ ″	″ ″		
4451	1432	7.6	7 45 10.90	+1.4763-.0033	-53 6 30.5	-8.880-.189	10.5	4
4452	5096	6.7	45 11.05	+2.3414+.0012	-31 23 33.7	-8.881-.302	10.1	8
4453	6022	5.3	45 14.88	+2.5219+.0008	-24 41 12.2	-8.886-.326	10.1	4
4454	992	8.0	45 15.66	+1.1036-.0086	-58 40 59.2	-8.887-.140	10.2	4
4455	6030	3.5	45 30.51	+2.5235+.0008	-24 38 0.3	-8.906-.326	10.0	19,22
4456	68	7.4	45 31.59*	-45.883-16.73	-88 35 56.7*	-8.907+6.00	10.1	12
4457	2146	5.5	45 37.28	+2.7066-.0001	-16 59 55.3	-8.915-.350	10.5	6
4458	3939	7.2	45 37.78	+2.1381+.0011	-37 58 36.8	-8.916-.275	10.0	4
4459	3451	4.6	45 39.47	+1.7957-.0004	-46 51 0.5	-8.918-.231	9.8	4
4460	811	7.9	45 44.17	+0.2245-.0291	-67 12 31.4	-8.924-.025	10.1	4
4461	3471	7.9	45 47.73	+1.8660+.0001	-45 14 18.3	-8.928-.240	10.1	4
4462	3970	6.1	45 53.53	+2.2344+.0013	-35 1 0.4	-8.936-.288	10.1	4
4463	4451	5.7	46 9.14	+2.2943+.0013	-33 3 41.8	-8.956-.295	9.8	4
4464	1389	6.7	46 9.49	+1.3971-.0043	-54 29 17.1	-8.957-.178	10.0	4
4465	3512	6.5*	46 9.67	+2.0523+.0009	-40 28 27.1	-8.957-.264	10.0	4
4466	6310	6.6	46 9.91	+2.5509+.0007	-23 34 14.2	-8.957-.329	10.1	4
4467	1290	7.4	46 17.40	+1.5172-.0029	-52 27 29.2	-8.967-.194	10.1	4
4468	1437	6.2	46 24.17	+1.2845-.0059	-56 14 41.8	-8.976-.164	10.0	4
4469	3458	4.2	46 29.73	+1.8290-.0002	-46 8 45.8	-8.983-.234	10.0	4
4470	3460	6.0	46 30.20	+1.8078-.0003	-46 37 50.4	-8.984-.232	9.8	4
4471	3924	7.0	46 31.51	+2.2088+.0012	-35 51 55.8	-8.986-.284	10.2	4
4472	3762	6.3	46 37.82	+1.8978+.0002	-44 31 27.6	-8.994-.243	10.0	4
4473	3437	8.2	46 56.78	+2.0010+.0008	-41 55 2.8	-9.018-.256	10.1	4
4474	1808	5.1	47 1.97	+3.1141-.0039	+ 1 59 49.6	-9.025-.402	10.6	5
4475	618	7.7	47 4.90	-0.4928-.0549	-71 29 48.5	-9.029+.068	10.2	4
4476	3935	7.0	47 7.63	+2.2053+.0013	-36 0 47.6	-9.032-.283	10.0	4
4477	1442	5.5	47 10.80	+1.2917-.0058	-56 10 58.0	-9.037-.164	9.8	4
4478	6060	6.4	47 12.00	+2.5340+.0008	-24 17 53.7	-9.038-.326	10.2	4
4479	3940	7.9	47 17.53	+2.2051+.0013	-36 1 45.3	-9.045-.283	10.0	4
4480	1397	7.4	47 22.29	+1.3958-.0044	-54 34 54.8*	-9.052-.178	10.0	4
4481	1396	7.9	47 22.97	+1.3993-.0044	-54 31 34.7	-9.052-.178	10.0	4
4482	1398	8.7	47 24.72	+1.3902-.0045	-54 40 26.8	-9.055-.177	10.4	4
4483	893	7.8	47 25.17	+0.9272-.0121	-60 56 11.5	-9.055-.117	10.4	4
4484	4003	8.5	47 33.51	+2.2650+.0013	-34 7 5.8	-9.066-.291	10.0	4
4485	3585	7.8	47 34.57	+1.9759+.0006	-42 36 57.8	-9.068-.253	10.2	4
4486	1401	7.4	47 34.70	+1.3798-.0046	-54 51 0.4	-9.068-.175	10.6	4
4487	2267	5.3	47 36.22	+2.7829-.0006	-13 39 31.7	-9.070-.358	10.2	10,12
4488	908	5.8	47 43.71	+1.0039-.0106	-60 3 32.5	-9.080-.126	10.0	4
4489	907	7.6	47 46.49	+1.0782-.0094	-59 8 49.0	-9.083-.136	10.4	4
4490	3780	6.4	47 50.87	+1.9081+.0003	-44 21 1.1	-9.089-.244	10.2	4
4491	3004	5.8	47 57.00	+1.6392-.0017	-50 16 42.8	-9.097-.209	10.1	4
4492	1499	5.0	47 59.41*	+3.6792-.0133	+26 59 57.5	-9.100-.474	10.3	8,11
4493	3244	7.9	48 4.50	+1.7357-.0008	-48 18 47.1	-9.106-.221	10.7	4
4494	3487	7.6	48 8.04	+1.8120-.0003	-46 38 22.9	-9.111-.231	10.5	4
4495	1499	5.7	48 9.77	+4.3852-.0317	+47 47 56.1	-9.113-.566	10.1	8
4496	910	6.6*	48 22.93	+1.0266-.0103	-59 49 18.6	-9.130-.129	10.4	4
4497	3601	6.4	48 23.23	+1.9684+.0006	-42 51 51.1	-9.131-.252	10.3	4
4498	3362	7.5	48 23.76	+1.7648-.0006	-47 42 19.8	-9.132-.225	10.2	4
4499	471	8.3	48 27.51	-1.0391-.0805	-73 51 52.1	-9.136+.139	10.2	4
4500	3491	6.6	48 32.27	+1.7978-.0004	-46 59 7.6	-9.143-.229	10.1	4

4456 S.P. $31^s.39$, $56''.4$, 9.9, 9, 10.

4480 $52''.9$, $55''.0$, $56''.2$, $54''.9$.

4492 ($59^s.80$)

No.	Name	Mag.	R. A. 1910	Prec. and Sec. Var.	Decl. 1910	Prec. and Sec. Var.	Epoch.	No. Obs.
		M	h m s	s s	° ′ ″	″ ″		
4501	3610	6.2	7 48 42.45	+1.9771+.0006	-42 39 23.8	-9.156-.253	10.0	4
4502	6093	8.5	48 42.84	+2.5258+.0008	-24 41 39.9	-9.156-.324	10.0	4
4503	4036	5.0	48 53.99	+2.2564+.0013	-34 28 43.5	-9.171-.289	10.0	5
4504	827	5.9	49 5.25	+0.4089-.0248	-65 57 56.5	-9.185-.049	10.0	4
4505	215	7.6	49 5.60*	-5.7844-.4858	-82 21 41.4*	-9.186+.753	10.1	2
4506	3579	3.8	49 7.34	+2.0637+.0010	-40 20 35.6	-9.188-.264	10.1	17
4507	3617	8.7	49 7.88	+1.9996+.0008	-42 5 28.2	-9.189-.255	10.0	4
4508	3486	7.9	49 14.53	+2.0000+.0008	-42 5 22.9	-9.197-.255	10.0	4
4509	916	7.3	49 21.57	+1.0640-.0097	-59 24 53.3*	-9.206-.134	10.1	4,3
4510	6108	8.9	49 21.70	+2.5190+.0009	-24 59 56.4	-9.207-.322	10.3	4
4511	3769	4.5	49 27.48	+2.1241+.0012	-38 37 45.9	-9.214-.271	9.9	9
4512	4516	7.7	49 33.46	+2.3001+.0013	-33 3 48.2	-9.222-.294	10.3	4
4513	3989	5.5	49 44.91	+2.2067+.0013	-36 7 46.7	-9.237-.282	9.9	4
4514	902	8.4	49 46.90	+0.7848-.0155	-62 35 49.5	-9.239-.098	10.2	4
4515	1372	7.4	49 47.50	+1.3489-.0052	-55 28 11.8	-9.240-.171	10.1	4
4516	2065	6.7	49 47.56	+2.5672+.0007	-23 4 44.8	-9.240-.328	10.3	4
4517	2066	7.1	49 48.81	+2.5703+.0007	-22 57 10.1	-9.242-.329	10.3	4
4518	4053	6.6	49 50.96	+2.2513+.0013	-34 42 15.5	-9.245-.287	10.3	4
4519	5234	7.1	50 5.00	+2.4938+.0010	-26 1 36.9	-9.263-.318	10.0	4
4520	1420	5.8	50 20.87	+1.4342-.0040	-54 7 59.5	-9.283-.181	10.0	4
4521	3022	7.3*	50 22.10	+1.6466-.0017	-50 17 13.8	-9.285-.209	10.0	4
4522	216	7.9	50 27.44*	-5.4799-.4564	-82 7 0.9*	-9.292+.712	10.0	2
4523	3137	4.3	50 31.48	+1.6922-.0012	-49 22 43.0	-9.297-.215	9.9	4
4524	921	7.4	50 37.23	+1.0726-.0097	-59 22 47.1	-9.304-.134	10.1	4
4525	3396	4.3	50 39.43	+1.7641-.0007	-47 52 3.8	-9.307-.224	9.7	4
4526	830	8.4	50 43.36	+0.2238-.0308	-67 26 24.5	-9.312-.025	10.1	4
4527	922	7.8	50 45.34	+1.0828-.0095	-59 15 32.0	-9.315-.136	10.1	4
4528	4706	6.5	50 45.35	+2.4468+.0011	-27 52 9.0	-9.315-.312	10.3	4
4529	4002	5.4	50 50.80	+2.2242+.0013	-35 38 28.0	-9.322-.283	10.0	4
4530	6463	8.0	50 59.40	+2.5442+.0008	-24 4 6.1	-9.333-.324	10.1	4
4531	3520	6.9	50 59.81	+2.0274+.0009	-41 28 0.3	-9.333-.257	10.1	4
4532	5218	8.6	51 4.82	+2.3510+.0013	-31 23 31.6	-9.340-.299	9.9	4
4533	6465	6.9*	51 9.77	+2.5651+.0007	-23 13 40.9	-9.346-.327	10.3	4
4534	828	7.6	51 10.40	+0.6422-.0191	-64 3 34.6	-9.347-.079	10.4	4
4535	694	8.0	51 14.57*	-0.2740-.0486	-70 32 44.7*	-9.352+.039	10.6	2
4536	4091	6.1	51 16.84	+2.2569+.0014	-34 36 33.2	-9.355-.287	9.9	9
4537	5226	7.2	51 19.33	+2.3540+.0013	-31 17 50.7	-9.358-.299	10.1	4
4538	3527	7.1	51 24.76	+2.0301+.0009	-41 25 13.2	-9.366-.258	10.0	4
4539	3555	8.8	51 40.10	+1.8031-.0004	-47 4 11.0	-9.385-.228	9.9	4
4540	4729	7.2	51 41.87	+2.4435+.0012	-28 2 45.2	-9.388-.311	10.3	4
4541	908	9.0	51 47.05	+0.9058-.0131	-61 24 55.9	-9.394-.113	10.3	4
4542	3847	7.2	51 51.23	+1.9279+.0004	-44 7 4.8	-9.400-.244	10.1	4
4543	2757	8.7	51 51.79	+1.5607-.0026	-52 1 11.3	-9.400-.197	10.3	4
4544	5281	7.1	51 52.45	+2.3879+.0013	-30 6 48.5	-9.401-.303	10.3	4
4545	3848	8.0	51 54.08	+1.9272+.0004	-44 8 24.6	-9.403-.244	10.1	4
4546	3165	7.5	51 54.41	+1.6693-.0015	-49 55 59.9	-9.404-.211	10.4	4
4547	3558	7.3	52 1.70	+1.8749+.0001	-45 25 34.3	-9.413-.237	10.1	4
4548	769	8.5	52 3.68	+0.5658-.0213	-64 47 43.3	-9.416-.069	10.5	4
4549	2081	9.1	52 11.08	+2.5775+.0007	-22 46 2.5	-9.425-.328	10.1	2
4550	3041	8.0	52 21.19	+1.6511-.0017	-50 19 32.8	-9.438-.208	10.0	4

4505S.P. $5^s.24$, $40''.4$, 9.4, 2.

4509 ($50''.4$).

4522S.P. $27^s.52$, $0''.9$, 9.4, 2.

4535N.F. Mean (?) $14^s.54$, $45''.4$, 10,2, 2.

No.	Name	Mag.	R. A. 1910	Prec. and Sec. Var.	Decl. 1910	Prec. and Sec. Var.	Epoch.	No. Obs.
		M	h m s	s s	° ′ ″	″ ″		
4551	919	7.1	7 52 25.04	+1.0020-.0112	-60 20 44.4	-9.443-.125	10.0	4
4552	2084	7.6	52 38.27	+2.5781+.0007	-22 45 50.9	-9.460-.327	10.0	4
4553	3572	7.3	52 41.49	+1.8059-.0004	-47 4 26.0	-9.464-.228	10.1	4
4554	1333	6.4	52 41.59	+1.5458-.0028	-52 20 40.8	-9.464-.195	10.1	4
4555	3734	7.5	52 42.75	+1.9530+.0006	-43 32 26.2	-9.466-.247	10.5	4
4556	5189	6.4	52 47.47	+2.3913+.0013	-30 2 38.8	-9.472-.303	10.3	4
4557	3737	6.0	52 51.02	+1.9509+.0006	-43 36 19.1	-9.477-.247	10.2	4
4558	1435	7.6	52 55.57	+1.4278-.0042	-54 24 9.1	-9.482-.179	10.1	4
4559	1335	7.1	52 58.38	+1.5291-.0030	-52 39 49.8	-9.486-.192	10.0	4
4560	2087	4.4	52 59.36	+2.5815+.0007	-22 38 22.2	-9.487-.327	10.1	14
4561	1468	5.5	53 1.47	+1.2554-.0068	-57 3 52.4	-9.490-.157	10.0	4
4562	3574	6.7	53 2.38	+1.8646+.0000	-45 44 24.4	-9.491-.235	10.3	4
4563	236	7.8	53 4.71*	-5.0328-.4166	-81 44 15.2*	-9.494+.650	10.0	2
4564	5313	9.2	53 6.37	+2.3852+.0013	-30 17 0.8	-9.496-.302	10.2	4
4565	1479	9.6	53 9.05	+1.4894-.0035	-53 22 27.0	-9.500-.187	10.1	4
4566	1480	7.9	53 10.34	+1.4890-.0035	-53 22 59.4	-9.501-.187	10.1	4
4567	3655	6.3	53 18.02	+2.0680+.0010	-40 29 43.8	-9.511-.261	9.8	4
4568	3588	8.6	53 26.55	+1.8081-.0004	-47 4 32.5	-9.522-.228	10.1	4
4569	4128	6.9*	53 38.22	+2.2756+.0014	-34 8 12.7	-9.537-.288	10.0	4
4570	2769	6.7	53 46.19	+1.6163-.0020	-51 5 51.3	-9.547-.203	10.0	4
4571	5336	9.3	53 56.22	+2.5011+.0010	-25 56 35.7	-9.560-.316	10.2	4
4572	3717	6.0	53 56.86	+2.0088+.0008	-42 9 53.4	-9.561-.253	10.3	4
4573	3758	5.4	54 0.78	+1.9674+.0006	-43 15 31.6	-9.566-.248	9.8	4
4574	1443	8.3	54 4.21	+1.4490-.0040	-54 7 19.2	-9.570-.182	10.4	4
4575	5236	4.8	54 4.79	+2.3921+.0013	-30 5 31.6	-9.571-.302	9.9	8
4576	3442	8.7	54 5.35	+1.8033-.0004	-47 13 36.8	-9.572-.227	10.2	4
4577	3760	7.0	54 10.87	+1.9685+.0006	-43 14 29.4*	-9.579-.248	10.0	4
4578	5342	8.3*	54 15.53	+2.5158+.0010	-25 22 38.2	-9.585-.318	10.1	4
4579	3766	5.1	54 23.48	+1.9447+.0005	-43 52 2.2	-9.595-.245	10.5	4
4580	3334	6.9	54 24.28	+1.7217-.0010	-49 1 21.9	-9.596-.216	10.2	4
4581	1343	3.6	54 29.38	+1.5304-.0030	-52 44 26.1	-9.603-.192	10.3	32
4582	3457	6.1	54 39.42	+1.7862-.0005	-47 38 51.8	-9.616-.224	10.0	4
4583	3603	7.1	54 41.16	+1.8548 .0000	-46 5 1.0	-9.618-.233	10.1	4
4584	237	6.9	54 45.80*	-4.6461-.3801	-81 21 49.8*	-9.624+.598	10.0	2
4585	935	5.6	54 47.58	+1.0187-.0112	-60 17 3.9	-9.626-.126	10.2	4
4586	3691	6.5	54 48.30	+2.0699+.0011	-40 32 26.9	-9.627-.261	9.9	4
4587	937	6.8	54 48.99	+0.9702-.0122	-60 51 27.7	-9.628-.120	10.3	4
4588	3616	7.4	54 52.20	+1.8439-.0001	-46 21 0.0	-9.632-.232	10.4	4
4589	3611	5.2	55 2.04	+1.8872+.0002	-45 20 4.2	-9.645-.237	10.5	4
4590	1354	7.4	55 4.51	+1.2556-.0069	-57 11 16.1	-9.648-.156	10.2	4
4591	1028	6.0	55 9.52	+1.1323-.0091	-58 52 58.9	-9.654-.140	10.2	4
4592	2104	5.2	55 14.09	+2.5739+.0007	-23 3 54.5	-9.660-.325	10.4	4
4593	2157	5.1	55 14.39	+3.0023-.0028	- 3 26 1.6	-9.660-.379	10.1	4
4594	4067	7.0	55 19.38	+2.1976+.0014	-36 46 15.8	-9.667-.277	10.0	4
4595	1812	5.9	55 29.27	+3.6342-.0133	+25 38 23.4	-9.679-.460	10.1	4
4596	2780	7.6	55 37.13	+1.5724-.0026	-52 2 56.1	-9.689-.196	10.0	4
4597	3349	4.5	55 39.11	+1.7268-.0010	-49 0 1.3	-9.692-.216	9.8	4
4598	1358	7.2	55 49.89	+1.2557-.0070	-57 14 5.8	-9.706-.156	10.2	4
4599	953	7.9	55 51.32	+1.0039-.0116	-60 31 25.0	-9.707-.124	10.0	4
4600	2784	6.7	55 56.29	+1.6183-.0021	-51 12 15.4	-9.714-.202	10.1	4

4563S.P. $4^s.83$, $15''.6$, 9.4, 2.

4584S.P. $45^s.85$, $49''.8$, 9.4, 2.

4577 $31''.1$, $28''.6$, $29''.4$, $28''.7$.

No.	Name	Mag.	R. A. 1910	Prec. and Sec. Var.	Decl. 1910	Prec. and Sec. Var.	Epoch.	No. Obs.
		M	h m s	s s	° ′ ″	″ ″		
4601	3858	7.6	7 55 56.78	+2.1200+.0012	−39 10 28.5	−9.714−.266	10.0	4
4602	3606	8.4	56 2.92	+2.0441+.0010	−41 20 49.9	−9.722−.256	10.1	4
4603	925	6.1	56 3.86	+0.7736−.0168	−63 3 11.2	−9.723−.094	10.2	4
4604	944	5.7	56 7.25	+1.0436−.0109	−60 3 40.7	−9.728−.129	10.2	4
4605	3480	7.0	56 8.48	+1.8002−.0004	−47 26 13.0	−9.729−.225	10.2	4
4606	3920	6.0	56 10.37*	+1.9054+.0003	−44 58 11.8	−9.732−.239	10.5	4
4607	2110	7.4	56 11.54	+2.5741+.0007	−23 6 15.4	−9.733−.324	10.0	4
4608	4076	7.4	56 13.47	+2.1904+.0014	−37 3 21.5	−9.736−.275	10.2	4
4609	3908	5.2	56 17.73	+2.1250+.0012	−39 2 58.3	−9.741−.267	10.0	4
4610	3643	6.7	56 17.86	+1.8246−.0002	−46 53 41.6	−9.741−.228	10.6	4
4611	1453	7.7	56 20.36	+1.4459−.0042	−54 19 20.0	−9.744−.180	10.1	4
4612	3361	6.9	56 21.49	+1.7696−.0006	−48 7 48.7	−9.746−.221	10.5	4
4613	229	9.0	56 26.26	−4.2728−.3461	−80 58 4.3	−9.752+.548	10.1	4
4614	3722	7.5	56 27.66	+2.0751+.0011	−40 30 22.5	−9.754−.260	10.6	4
4615	5319	8.0	56 28.92	+2.4182+.0013	−29 16 1.6	−9.755−.304	10.8	4
4616	976	7.9	56 31.64	+1.0201−.0114	−60 22 10.9	−9.759−.126	10.5	4
4617	3367	9.9	56 39.63	+1.7527−.0008	−48 31 4.3	−9.769−.219	10.4	4
4618	3243	6.4	56 39.71	+1.6950−.0013	−49 43 49.9	−9.769−.212	10.5	4
4619	980	7.6	56 39.85	+1.0039−.0117	−60 34 16.9	−9.769−.124	10.3	4
4620	3244	6.6	56 41.01	+1.6952−.0013	−49 43 38.4	−9.771−.212	10.5	4
4621	2791	7.2	56 44.56	+1.6204−.0021	−51 13 8.7	−9.775−.202	10.0	4
4622	1404	8.8	56 49.14	+1.3582−.0054	−55 46 1.4	−9.781−.169	10.2	1
4623	1456	7.5	56 54.51	+1.4495−.0041	−54 18 0.7	−9.788−.180	10.1	4
4624	846	6.4	56 58.05	+0.4943−.0244	−65 39 47.8	−9.792−.059	10.4	4
4625	1355	7.2	57 1.84	+1.5642−.0027	−52 17 46.2	−9.797−.195	10.0	4
4626	3655	6.7	57 2.20	+1.8198−.0002	−47 3 22.3	−9.798−.227	10.2	4
4627	950	9.3	57 2.22	+1.1224−.0094	−59 7 36.2	−9.798−.139	10.1	4
4628	951	9.0	57 5.57	+1.1165−.0095	−59 12 20.9	−9.802−.138	10.1	4
4629	932	7.8	57 6.69	+0.7960−.0164	−62 53 8.1	−9.803−.097	10.1	4
4630	3936	7.1	57 10.58	+1.9160+.0004	−44 46 40.7	−9.808−.239	10.3	4
4631	1006	5.9	57 20.47	+1.0068−.0118	−60 34 39.9	−9.821−.124	9.9	4
4632	5436	7.2*	57 26.92	+2.5253+.0010	−25 9 52.2	−9.829−.317	10.3	4
4633	3381	7.6	57 28.32	+1.7488−.0008	−48 39 26.4	−9.831−.218	10.0	4
4634	3662	6.6	57 28.64	+1.8994+.0003	−45 12 30.9	−9.831−.237	10.3	4
4635	3384	6.1	57 37.94	+1.7458−.0008	−48 44 1.8	−9.843−.218	10.0	4
4636	941	7.6	57 38.53	+0.9429−.0132	−61 20 13.0	−9.844−.116	10.5	4
4637	5362	10.2	57 42.22	+2.4205+.0013	−29 15 22.0	−9.849−.303	10.9	1
4638	1012	8.6	57 42.67	+1.0286−.0114	−60 20 22.6	−9.849−.126	10.5	4
4639	4868	9.2	57 46.04	+2.4672+.0012	−27 28 43.4	−9.853−.309	9.9	1
4640	4871	8.3	57 50.34	+2.4684+.0012	−27 26 12.2	−9.859−.309	10.3	4
4641	3388	6.2	57 51.40	+1.7517−.0008	−48 37 21.8	−9.860−.218	10.1	4
4642	4873	8.3	57 57.36	+2.4688+.0012	−27 25 40.5	−9.868−.309	10.4	4
4643	484	8.8	57 58.70	−1.6828−.1276	−76 15 17.2	−9.869+.218	10.6	4
4644	1532	5.0	57 59.56	+3.6922−.0150	+28 2 50.2	−9.870−.464	9.9	26,36
4645	954	6.4	58 5.03	+1.0616−.0107	−59 57 33.0	−9.878−.130	10.2	4
4646	1018	5.1	58 5.31	+1.0305−.0113	−60 20 20.2	−9.878−.126	10.3	4
4647	3506	8.7	58 7.00	+1.8008−.0004	−47 33 41.8	−9.880−.224	10.3	4
4648	5395	6.5	58 13.77	+2.4811+.0012	−26 57 50.8	−9.889−.310	10.3	4
4649	3104	9.2	58 18.25	+1.6756−.0015	−50 14 20.2	−9.894−.208	10.2	4
4650	4116	5.8	58 19.86	+2.1957+.0014	−37 1 59.9	−9.896−.274	10.1	4

4606 $10^s.27$, $10^s.34$, $10^s.53$, $10^s.32$.

No.	Name	Mag.	R. A. 1910	Prec. and Sec. Var.	Decl. 1910	Prec. and Sec. Var.	Epoch.	No. Obs.
		M	h m s	s s	° ′ ″	″ ″		
4651	1505	5.9	7 58 37.17	+1.4798−.0038	−53 54 4.7	− 9.918−.183	10.2	4
4652	3273	7.3	58 45.48	+1.7194−.0011	−49 22 12.0*	− 9.929−.213	10.1	4
4653	4120	6.3	58 47.72	+2.2041+.0014	−36 47 56.8	− 9.932−.275	10.3	4
4654	4894	6.8	58 54.82	+2.4737+.0012	−27 17 32.6	− 9.941−.309	10.4	4
4655	3969	6.6	58 56.86	+1.9382+.0005	−44 20 55.1	− 9.943−.241	10.3	4
4656	2808	7.7	58 57.03	+1.6298−.0020	−51 11 19.8	− 9.943−.202	10.5	4
4657	3111	7.4	59 4.68	+1.6725−.0016	−50 21 16.5	− 9.953−.207	10.2	4
4658	1470	6.0	59 11.76	+1.4608−.0041	−54 15 51.7	− 9.962−.180	10.0	4
4659	866	5.0	59 11.90	+0.7650−.0176	−63 19 3.9	− 9.962−.092	9.9	4
4660	1471	8.4	59 13.28	+1.4602−.0041	−54 16 29.9*	− 9.964−.180	10.0	4
4661	4128	6.6	59 17.33	+2.2255+.0015	−36 8 56.3	− 9.969−.277	10.0	4
4662	1419	6.3	59 25.49	+1.4047−.0049	−55 12 11.9	− 9.979−.173	10.1	4
4663	5441	8.1	59 31.88	+2.4817+.0012	−27 1 4.8	− 9.988−.309	9.8	4
4664	3980	6.6	59 32.86	+1.9373+.0005	−44 24 53.7	− 9.989−.240	10.3	4
4665	3115	8.8	59 33.00	+1.6781−.0016	−50 16 34.3	− 9.989−.208	10.1	4
4666	4766	5.8	59 33.34	+2.3426+.0015	−32 12 38.5	− 9.989−.292	10.1	4
4667	3775	8.5	59 38.43	+2.0638+.0011	−41 3 0.3	− 9.996−.256	10.0	4
4668	3776	5.6	59 39.06	+2.0635+.0011	−41 3 27.1	− 9.997−.256	10.0	4
4669	1475	6.6	59 49.41	+1.4545−.0042	−54 24 41.1	−10.010−.179	10.0	4
4670	2813	7.2	59 56.69	+1.6335−.0020	−51 11 17.3	−10.019−.202	10.3	4
4671	1424	7.5	8 0 1.44	+1.3979−.0050	−55 21 7.3	−10.025−.172	10.0	4
4672	1831	5.1	0 3.71	+3.3477−.0081	+13 22 30.4	−10.028−.418	10.3	4
4673	3297	6.5	0 7.51	+1.7083−.0012	−49 41 54.1	−10.032−.211	9.9	4
4674	1425	6.8	0 9.54	+1.4025−.0049	−55 17 15.6	−10.035−.173	10.0	4
4675	654	6.4	0 22.88	−0.7079−.0737	−72 59 36.7	−10.052+.094	10.3	4
4676	3939	2.3	0 25.22	+2.1110+.0013	−39 44 57.2	−10.055−.262	10.3	27
4677	3832	6.2	0 29.16	+2.0061+.0009	−42 41 38.3	−10.060−.249	10.1	4
4678	5530	6.5	0 45.64	+2.5229+.0010	−25 26 37.2	−10.080−.314	9.9	4
4679	4796	5.4	0 45.67	+2.3389+.0015	−32 25 10.9	−10.081−.290	9.9	4
4680	3306	6.6	0 54.33	+1.7327−.0010	−49 14 40.0	−10.092−.214	10.1	4
4681	3125	8.2	0 58.93	+1.6874−.0014	−50 11 22.9	−10.097−.208	10.1	1
4682	137	8.5	1 1.22*	−12.218−1.782	−85 40 57.7*	−10.100+1.54	10.1	2
4683	5474	7.6	1 1.50	+2.4138+.0014	−29 42 35.6	−10.100−.300	10.1	4
4684	3550	7.3	1 13.12	+1.8107−.0003	−47 33 38.0	−10.115−.224	10.1	4
4685	5488	7.9	1 22.98	+2.4150+.0014	−29 41 25.0	−10.128−.300	10.1	4
4686	3852	7.4	1 28.74	+2.0159+.0010	−42 30 9.2	−10.135−.249	10.0	4
4687	4507	6.6	1 35.16	+2.3143+.0016	−33 20 5.6	−10.143−.287	10.0	4
4688	820	6.8	1 39.12	−0.0553−.0450	−69 46 22.2	−10.148+.011	10.2	5
4689	858	7.0	1 48.37	+0.5135−.0251	−65 45 47.0	−10.160−.060	10.0	4
4690	4986	8.8	1 56.74	+2.4810+.0012	−27 11 5.8	−10.170−.307	10.0	4
4691	821	8.6	1 58.69	−0.0528−.0450	−69 46 23.6	−10.172+.011	10.2	5
4692	1494	7.6	2 1.89	+1.4749−.0040	−54 13 10.5	−10.176−.181	10.0	4
4693	3138	6.0	2 10.92	+1.6846−.0015	−50 19 59.7	−10.188−.207	9.8	4
4694	822	7.6	2 11.34	−0.0093−.0434	−69 31 17.0	−10.188+.006	10.1	4
4695	1495	8.0	2 13.58	+1.4448−.0044	−54 44 19.0	−10.191−.177	10.0	4
4696	4525	6.0	2 16.40	+2.3163+.0016	−33 18 40.6	−10.195−.286	10.0	4
4697	3741	8.6	2 17.87	+1.9156+.0004	−45 9 23.9	−10.197−.236	10.1	4
4698	3742	7.8	2 18.61	+1.9160+.0004	−45 8 57.0	−10.198−.236	10.1	4
4699	3764	6.3	2 33.74	+1.8515−.0000	−46 43 13.7	−10.216−.228	10.0	4
4700	257	7.7	2 37.23	−3.0597−.2442	−79 22 54.0	−10.221+.388	10.2	4

4682S.P. $1^s.72$, $58''.5$, 9.4, 2; $60''.1$, $56''.9$. 4652 $10''.3$, $13''.0$, $12''.4$, $12''.2$.

4660 $28''.2$, $30''.5$. $30''.2$. $30''.6$.

No.	Name	Mag.	R. A. 1910	Prec. and Sec. Var.	Decl. 1910	Prec. and Sec. Var.	Epoch.	No. Obs.
		M	h m s	s s	° ′ ″	″ ″		
4701	1497	7.4	8 2 41.42	+1.4472−.0044	−54 43 57.7	−10.226−.177	10.0	4
4702	3460	7.1	2 42.84	+1.7712−.0006	−48 32 54.0	−10.228−.218	10.0	4
4703	1376	5.4	2 43.85	+1.5556−.0029	−52 50 59.7	−10.229−.191	10.0	4
4704	4032	6.9	2 49.67	+1.9270+.0005	−44 54 46.0	−10.236−.237	10.1	4
4705	3987	8.5	3 1.55	+2.1058+.0013	−40 5 27.6	−10.251−.260	10.0	4
4706	3989	7.2*	3 5.43	+2.1145+.0014	−39 50 25.1	−10.256−.260	10.1	4
4707	3991	8.2	3 5.62	+2.1062+.0013	−40 5 3.2	−10.256−.260	10.0	4
4708	5530	7.0	3 7.33	+2.4912+.0012	−26 51 15.9	−10.259−.308	10.3	4
4709	953	7.8	3 13.68	+0.8599−.0159	−62 34 54.0	−10.266−.103	10.3	4
4710	3765	8.6*	3 14.05	+1.9193+.0005	−45 8 8.1	−10.267−.236	10.3	4
4711	5555	6.9	3 19.16	+2.4329+.0014	−29 8 2.0	−10.273−.300	10.3	4
4712	826	6.8	3 26.14	−0.0312−.0448	−69 42 53.0	−10.282+.008	10.5	5
4713	953	6.4	3 26.16	+0.8614−.0159	−62 34 41.5	−10.282−.103	10.3	4
4714	1056	7.4	3 26.24	+1.0751−.0110	−60 7 46.3	−10.282−.130	10.1	4
4715	6828	2.9	3 42.66	+2.5610+.0009	−24 2 39.6	−10.303−.316	10.1	67,79
4716	725	6.8	3 42.97	+0.1354−.0385	−68 40 45.5	−10.303−.012	10.3	4
4717	4051	5.0	3 47.02	+1.9261+.0005	−45 0 21.1	−10.308−.236	9.8	4
4718	796	7.8	3 58.72	+0.3802−.0299	−66 57 0.4	−10.323−.043	10.0	4
4719	3480	6.5	4 0.60	+1.7897−.0005	−48 14 13.6	−10.325−.219	10.0	4
4720	829	7.2	4 1.19	−0.0883−.0474	−70 4 47.3	−10.326+.016	10.1	4
4721	3597	8.3	4 5.42	+1.8314−.0001	−47 17 59.0	−10.331−.224	10.0	4
4722	4005	8.6	4 14.12	+2.1373+.0014	−39 14 41.5	−10.342−.262	10.4	4
4723	4271	7.8	4 19.74	+2.2046+.0016	−37 10 25.9	−10.349−.271	10.1	4
4724	3599	6.9	4 21.69	+1.8221−.0002	−47 31 59.1	−10.352−.223	10.4	4
4725	203	8.4	4 24.43*	−6.9300−.7427	−83 28 25.4*	−10.355+.870	10.1	2
4726	4273	7.6	4 26.77	+2.2052+.0016	−37 9 49.4	−10.358−.271	10.1	5
4727	6846	6.6	4 27.29	+2.5785+.0008	−23 21 19.0	−10.358−.317	10.1	4
4728	2840	6.8	4 34.18	+1.6253−.0022	−51 40 41.8	−10.367−.198	10.1	4
4729	4365	7.3*	4 35.65	+2.2732+.0016	−34 56 54.6	−10.369−.279	10.2	4
4730	3813	7.3	4 54.59	+1.8473−.0000	−46 59 33.3	−10.392−.226	10.0	4
4731	819	7.6	4 59.99	+0.7179−.0199	−64 6 59.2	−10.399−.085	10.1	4
4732	284	7.6	5 0.68	−2.7517−.2219	−78 54 6.9	−10.400+.347	10.1	4
4733	1865	5.8	5 2.07	+3.6243−.0143	+25 46 51.9	−10.402−.447	10.1	4
4734	820	8.7	5 2.29	+0.6439−.0220	−64 48 28.9	−10.402−.076	10.1	4
4735	3498	6.7	5 2.61	+1.7700−.0007	−48 44 53.5	−10.403−.216	9.8	4
4736	4288	6.4*	5 19.72	+2.1992+.0016	−37 25 4.2	−10.424−.269	10.0	4
4737	4026	6.8	5 23.54	+2.1405+.0015	−39 14 9.0	−10.429−.262	10.1	4
4738	892	6.6	5 24.61	+0.8078−.0176	−63 15 19.1	−10.430−.096	10.0	4
4739	5620	6.5	5 29.41	+2.4122+.0015	−30 3 29.2	−10.436−.296	10.2	4
4740	1517	8.5	5 29.81	+1.4692−.0042	−54 33 45.9	−10.436−.178	10.0	4
4741	5592	7.3	5 35.50	+2.3767+.0016	−31 22 54.2	−10.444−.291	9.8	4
4742	4256	6.2	5 45.97	+2.2685+.0017	−35 11 26.6	−10.457−.278	10.0	4
4743	4040	8.5	5 46.67	+2.1409+.0015	−39 15 12.5	−10.457−.262	10.2	3
4744	983	8.0	5 46.79	+1.0909−.0109	−60 5 8.7	−10.458−.131	10.2	4
4745	4040	7.1	5 49.82	+2.1412+.0015	−39 14 55.3	−10.461−.262	10.0	4
4746	1385	7.1	6 5.18	+1.5957−.0024	−52 21 14.4	−10.480−.194	10.0	5
4747	731	8.8	6 18.78	+0.2036−.0369	−68 21 17.2	−10.497−.021	10.0	4
4748	2173	6.8*	6 21.22	+2.6064+.0007	−22 16 0.6	−10.500−.319	10.0	4
4749	3516	5.9	6 28.49	+1.7899−.0005	−48 25 9.2	−10.509−.218	10.0	4
4750	2420	5.6	6 29.49	+2.7986−.0007	−13 32 2.4	−10.511−.343	10.4	6

4725S.P. $24^{s}.79$, $26''.1$, 9.4, 2.

No.	Name	Mag.	R. A. 1910	Prec. and Sec. Var.	Decl. 1910	Prec. and Sec. Var.	Epoch.	No. Obs.
		M	h m s	s s	° ′ ″	″ ″		
4751	3998	5.2	8 6 37.82	+1.9795+.0009	-43 51 25.5	-10.521-.241	9.8	4
4752	1068[1]	6.6	6 40.16	+1.0363-.0122	-60 48 44.7	-10.524-.124	10.0	4
4753	1068[2]	9.4	6 41.79	+1.0364-.0122	-60 48 46.0	-10.526-.124	10.0	4
4754	3846	4.8	6 42.88	+1.8495+.0000	-47 4 47.3	-10.527-.225	9.7	8
4755	876	7.7	6 43.42	+0.5523-.0251	-65 42 45.1	-10.528-.064	10.1	4
4756	3944[1]	6.7	6 44.54	+2.0350+.0011	-42 22 29.1	-10.529-.248	10.1	4
4757	3944[2]	7.9	6 45.05	+2.0351+.0011	-42 22 28.2	-10.530-.248	10.1	4
4758	3847	2.2	6 45.52*	+1.8500+.0000	-47 4 15.4	-10.530-.225	10.2	23,24
4759	3184	7.4	6 47.40	+1.8810-.0016	-50 44 49.6	-10.533-.204	10.2	4
4760	3848	8.5	6 48.42	+1.8496+.0000	-47 5 10.4	-10.534-.225	10.1	4
4761	3849	9.5	6 51.20	+1.8495+.0000	-47 5 28.8	-10.538-.225	10.1	4
4762	3653	5.4	6 58.99	+1.8248-.0002	-47 40 16.2	-10.547-.222	10.0	4
4763	2861	6.5	7 3.03	+1.6401-.0020	-51 34 39.0	-10.552-.199	10.1	4
4764	1867	4.7	7 3.11	+1.4400-.0104	+17 55 10.8	-10.552-.422	9.9	4
4765	825	8.7	7 4.16	+0.6842-.0213	-64 33 28.3	-10.554-.080	10.4	4
4766	1396	7.2	7 7.24	+1.6022-.0025	-52 18 30.1	-10.558-.194	10.1	4
4767	1072	7.4	7 8.11	+1.0760-.0114	-60 21 38.3	-10.559-.129	10.2	4
4768	896	6.4	7 14.37	+0.7911-.0183	-63 32 8.9	-10.566-.094	10.4	4
4769	3657	8.1	7 17.06	+1.8311-.0001	-47 33 5.4	-10.570-.222	10.4	4
4770	4941	7.3	7 19.07	+2.3599+.0016	-32 6 46.5	-10.572-.288	9.9	4
4771	4284	8.9	7 21.77	+2.2327+.0017	-36 29 30.2	-10.575-.272	10.5	4
4772	1467	5.8	7 27.79	+1.4012-.0053	-55 49 11.4	-10.583-.169	10.1	4
4773	4333	7.6	7 30.99	+2.1859+.0016	-38 0 4.0	-10.587-.266	10.3	4
4774	1074	4.8	7 31.16	+1.0228-.0126	-61 1 44.2	-10.587-.122	10.5	4
4775	735	7.7	7 31.81	+0.1717-.0385	-68 38 4.7	-10.588-.017	10.3	4
4776	3552	7.4	7 36.15	+1.7780-.0006	-48 46 4.1	-10.593-.215	10.0	4
4777	736	4.5	7 38.45*	+0.2142-.0370	-68 21 9.2*	-10.596-.022	9.8	8
4778	3556	6.7	7 41.40	+1.7690-.0007	-48 58 12.1	-10.600-.214	10.6	4
4779	4291	6.3	7 42.17	+2.2170+.0017	-37 1 27.1*	-10.601-.270	10.4	4
4780	990	6.7*	7 46.26	+1.1645-.0096	-59 16 29.5	-10.606-.140	10.1	4
4781	3560	8.2	7 47.77	+1.7728-.0006	-48 53 47.1	-10.608-.215	10.6	4
4782	3938	6.7	7 58.00	+2.1048+.0014	-40 29 25.7	-10.620-.256	10.0	4
4783	4300	7.2	8 0.61	+2.2329+.0017	-36 31 55.5	-10.624-.272	10.1	4
4784	4302	9.6	8 4.28	+2.2344+.0017	-36 29 16.4	-10.628-.272	10.1	4
4785	4084	4.4	8 8.52	+2.1436+.0016	-39 20 59.2	-10.633-.260	9.9	4
4786	828	7.5	8 10.42	+0.6966-.0211	-64 30 34.0	-10.636+.082	10.1	4
4787	3973	8.0	8 15.98	+2.0130+.0010	-43 5 35.0	-10.643-.244	10.1	4
4788	3573	7.7	8 16.80	+1.8045-.0004	-48 13 56.3	-10.644-.218	10.3	4
4789	5713	7.7	8 16.95	+2.4202+.0015	-29 56 33.3	-10.644-.294	10.2	4
4790	3979	4.9	8 23.46	+2.0272+.0011	-42 43 5.6	-10.652-.246	10.2	4
4791	3576	5.9	8 28.39	+1.8069-.0003	-48 11 34.5	-10.658-.218	10.3	4
4792	4316	6.7	8 29.44	+2.2651+.0017	-35 30 12.2	-10.659-.275	10.1	4
4793	4362	8.8	8 32.20	+2.1989+.0017	-37 40 6.4	-10.663-.267	10.0	4
4794	3872	8.3	8 42.39	+1.9027+.0004	-45 57 48.7	-10.675-.230	10.1	4
4795	743	7.5	8 43.36	+0.1677-.0391	-68 43 29.4	-10.676-.016	10.3	4
4796	4021	8.9	8 45.40	+1.9892+.0010	-43 45 56.6	-10.679-.241	10.4	4
4797	3867	6.5	8 48.19	+2.0714+.0013	-41 31 7.2	-10.682-.251	10.1	4
4798	3951	8.8	8 49.31	+2.1164+.0015	-40 12 52.2	-10.684-.256	10.1	1
4799	4028	6.4	9 4.76	+2.0140+.0011	-43 7 48.9	-10.703-.244	10.0	4
4800	4322	6.6*	9 6.60	+2.2298+.0017	-36 43 7.0	-10.705-.270	10.1	4

4777S.P. $38^{s}.62$, $10''.5$, 10.2, 13. 4758 ($45^{s}.31$).

4779 $27''.5$, $28''.0$, $27''.5$, $25''.3$.

No.	Name	Mag.	R. A. 1910	Prec. and Sec. Var.	Decl. 1910	Prec. and Sec. Var.	Epoch.	No. Obs.
		M	h m s	s s	° ′ ″	″ ″		
4801	3959	8.1	8 9 6.62	+2.1165+.0015	-40 14 7.5	-10.705-.256	10.3	4
4802	5738	6.3	9 7.41	+2.4296+.0015	-29 38 25.8	-10.706-.295	9.9	4
4803	3902	5.7	9 10.16	+1.8873+.0003	-46 22 27.2	-10.709-.228	10.2	4
4804	2324	5.0	9 11.73	+2.7589-.0004	-15 30 59.7	-10.711-.335	9.7	9,24
4805	657	7.1	9 25.72	-0.2924-.0593	-71 27 14.7	-10.728+.041	10.1	4
4806	4394	6.4	9 33.34	+2.2018+.0017	-37 39 10.2	-10.738-.266	10.0	4
4807	3892	6.1	9 39.42	+1.9045+.0004	-45 59 35.4	-10.745-.230	10.1	4
4808	5709	7.6	9 41.63	+2.3708+.0017	-31 53 3.2	-10.748-.287	10.1	4
4809	4344	7.2	9 55.50	+2.2514+.0018	-36 4 11.1	-10.765-.272	10.1	4
4810	997	7.2	9 59.45	+1.1354-.0104	-59 48 21.3	-10.770-.135	10.1	4
4811	4346	7.2	9 59.86	+2.2525+.0018	-36 2 17.2	-10.770-.272	10.1	4
4812	5719	6.7	10 2.30	+2.3828+.0017	-31 27 59.9	-10.774-.288	10.0	4
4813	4349	4.8	10 5.60	+2.2650+.0018	-35 37 38.1	-10.778-.274	9.9	8
4814	4705	6.5*	10 10.82	+2.3326+.0018	-33 17 49.0	-10.784-.282	9.8	4
4815	1564	7.0	10 15.42	+1.5294-.0035	-53 52 31.3	-10.790-.183	10.0	4
4816	4504	7.0	10 24.85	+2.2861+.0017	-34 56 5.2	-10.801-.276	10.0	4
4817	1000	8.1	10 33.50	+1.1415-.0103	-59 46 3.2	-10.812-.136	10.1	4
4818	4358	5.1	10 35.45	+2.2535+.0018	-36 2 57.0	-10.814-.272	9.9	4
4819	4360	6.0	10 35.88	+2.2530+.0018	-36 4 3.5	-10.815-.272	9.9	4
4820	5742	6.1	10 37.44	+2.3731+.0017	-31 52 1.7	-10.817-.287	10.0	8
4821	3896	9.3	10 38.69	+2.0878+.0014	-41 11 33.0	-10.818-.252	10.3	4
4822	4359	7.0*	10 42.60	+2.2347+.0018	-36 40 43.0	-10.823-.270	10.2	4
4823	3928	9.2	10 46.04	+1.8786+.0003	-46 42 33.1	-10.827-.226	10.2	3
4824	3929	5.3	10 47.16	+1.8783+.0003	-46 43 6.6	-10.829-.226	10.1	5
4825	2893	7.2	10 48.08	+1.6350-.0021	-51 57 47.7	-10.830-.196	10.4	4
4826	4365	5.8	10 48.47	+2.2787+.0018	-35 13 0.3	-10.830-.275	10.3	4
4827	4128	4.4	10 51.08	+2.1266+.0016	-40 4 21.1	-10.833-.256	10.0	8
4828	3931	6.5	10 55.07	+1.8959+.0004	-46 18 18.6	-10.838-.228	10.4	4
4829	3430	5.4	10 57.84	+1.7366-.0010	-49 55 21.5	-10.842-.209	10.6	4
4830	4190	7.4	11 1.24	+1.9689+.0009	-44 28 41.3	-10.846-.237	10.2	4
4831	4192	6.6	11 7.07	+1.9760+.0009	-44 18 8.1	-10.853-.238	10.4	4
4832	3938	7.4	11 16.55	+1.8830+.0003	-46 38 44.5	-10.865-.226	10.1	4
4833	4014	6.8	11 19.63	+2.1117+.0015	-40 33 4.2	-10.868-.254	10.0	4
4834	3437	7.9*	11 22.10	+1.7326-.0010	-50 2 19.3	-10.871-.208	10.3	4
4835	4442	8.1	11 26.12	+2.2066+.0018	-37 38 39.0	-10.876-.266	10.0	4
4836	3913	9.0	11 27.44	+1.9277+.0006	-45 33 46.7	-10.878-.231	10.3	4
4837	3620	8.2	11 28.53	+1.7831-.0005	-48 57 35.9	-10.879-.214	10.6	4
4838	3914	6.0	11 30.42	+1.9280+.0006	-45 33 36.0	-10.882-.231	10.3	4
4839	4380	6.8	11 32.02	+2.2745+.0018	-35 24 51.7	-10.884-.274	10.2	4
4840	3622	8.3	11 34.94	+1.7919-.0004	-48 46 29.6	-10.887-.215	10.2	4
4841	1917	3.8	11 38.12	+3.2595-.0072	+ 9 27 48.5	-10.891-.394	10.2	46,67
4842	297	6.8	11 53.23	-2.4015-.2051	-78 25 30.4	-10.910+.298	10.2	4
4843	3951	6.6	11 59.91	+1.9033+.0005	-46 12 37.8	-10.918-.228	10.0	4
4844	4387	9.6	12 7.45	+2.2254+.0018	-37 5 27.7	-10.927-.267	10.1	4
4845	4389	7.2	12 7.75	+2.2253+.0018	-37 5 45.2	-10.927-.267	10.1	4
4846	5946	6.3	12 15.98	+2.4089+.0017	-30 38 55.9	-10.937-.290	9.9	4
4847	5836	7.0	12 20.40	+2.4285+.0016	-29 54 26.7	-10.943-.292	10.2	4
4848	1559	7.7	12 24.59	+1.3824-.0058	-56 28 50.5	-10.948-.164	10.0	4
4849	4401	6.2	12 34.46	+2.2706+.0018	-35 37 34.0	-10.960-.272	10.0	4
4850	3633	8.2	12 34.69	+1.7897-.0005	-48 54 13.6	-10.960-.214	10.0	4

No.	Name	Mag.	R. A. 1910	Prec. and Sec. Var.	Decl. 1910	Prec. and Sec. Var.	Epoch.	No. Obs.
		M	h m s	s s	° ′ ″	″ ″		
4851	986	7.9	8 12 35.02	+1.0399−.0128	−61 10 4.3	−10.961−.122	10.4	4
4852	3227	6.4	12 47.60	+1.7316−.0010	−50 10 19.8	−10.976−.206	10.3	4
4853	4406	7.0	12 47.98	+2.2718+.0018	−35 36 19.7	−10.976−.272	10.0	4
4854	3638	8.4	12 48.64	+1.7964−.0004	−48 46 24.4	−10.977−.214	10.1	4
4855	2914	6.6*	12 56.64	+1.6530−.0019	−51 46 54.8	−10.987−.197	10.2	4
4856	3456	7.8	12 59.69	+1.7539−.0008	−49 42 57.0	−10.991−.209	10.1	4
4857	3942	6.8	13 0.82	+1.9138+.0006	−46 2 9.5	−10.992−.229	10.2	4
4858	4413	6.9	13 1.34	+2.2628+.0019	−35 55 28.9	−10.993−.271	10.2	4
4859	3642	7.9	13 3.38	+1.7876−.0005	−48 59 13.4	−10.995−.213	10.2	4
4860	4165	7.0	13 11.37	+2.1526+.0017	−39 28 30.2	−11.005−.258	10.1	4
4861	895	9.3	13 16.98	+0.5935−.0254	−65 45 0.8	−11.012−.068	10.3	4
4862	4414	7.9	13 18.50	+2.2505+.0019	−36 21 38.1	−11.014−.270	10.0	4
4863	3647	8.3	13 20.25	+1.7923−.0004	−48 54 26.2	−11.016−.214	10.0	4
4864	5843	7.2	13 41.45	+2.5280+.0013	−26 1 19.8	−11.042−.303	10.0	4
4865	5775	7.6	13 45.27	+2.4581+.0016	−28 51 8.5	−11.046−.294	9.8	4
4866	985^{1}	5.3	13 54.17	+0.9186−.0160	−62 38 15.1	−11.057−.107	10.0	4
4867	985^{2}	8.5	13 54.71	+0.9186−.0160	−62 38 13.2	−11.058−.107	10.1	4
4868	5087	7.0	13 55.98	+2.3600+.0018	−32 35 26.6	−11.059−.282	9.9	4
4869	5887	7.0	14 0.31	+2.4442+.0016	−29 24 47.9	−11.064−.292	10.2	4
4870	1012	7.7*	14 1.00	+1.1594−.0102	−59 46 46.2	−11.065−.136	10.2	4
4871	1569	8.0	14 3.87	+1.3574−.0063	−56 59 27.4	−11.069−.160	10.2	4
4872	1425	7.1	14 5.59	+1.6216−.0023	−52 28 52.8	−11.071−.192	10.1	4
4873	3959	8.0	14 6.89	+1.9399+.0008	−45 28 22.4	−11.072−.231	10.3	4
4874	4090	7.3	14 12.11	+2.0611+.0014	−42 14 30.8	−11.079−.246	10.1	4
4875	5897	6.4	14 18.64	+2.4368+.0017	−29 43 23.4	−11.087−.291	10.3	4
4876	250	8.4	14 20.46*	−4.2355−.4084	−81 20 17.3*	−11.089+.519	10.0	3
4877	4441	6.5	14 21.78	+2.2700+.0019	−35 47 14.6	−11.090−.271	10.0	4
4878	1602	7.2	14 31.46	+1.5772−.0029	−53 20 47.9	−11.102−.187	10.1	4
4879	5866	7.5	14 32.45	+2.5283+.0013	−26 3 44.2	−11.104−.302	10.1	4
4880	3771	6.8	14 32.94	+1.8523+.0001	−47 38 24.4	−11.104−.220	10.1	4
4881	1604	7.7	14 35.89	+1.5733−.0030	−53 25 22.2	−11.108−.186	10.1	4
4882	1589	5.2	14 35.97	+3.6519−.0162	+27 30 35.4	−11.108−.438	9.8	4
4883	4523	8.3	14 50.35	+2.2288+.0019	−37 11 44.9	−11.125−.266	10.1	4
4884	4452	5.7	14 51.16	+2.2892+.0019	−35 10 13.5	−11.126−.273	10.1	4
4885	4443	6.5	14 51.86	+2.2320+.0019	−37 5 36.4	−11.127−.266	10.1	4
4886	1462	8.6	14 58.44	+1.3494−.0065	−57 10 53.8	−11.135−.159	10.0	4
4887	4449	4.4	15 11.14	+2.2543+.0019	−36 22 47.8	−11.150−.268	10.0	21
4888	1464	9.0	15 15.69	+1.3493−.0066	−57 12 17.3	−11.156−.159	10.0	4
4889	1498	6.9	15 33.88	+1.4588−.0047	−55 29 40.2	−11.178−.172	9.8	4
4890	1499	7.0	15 34.28	+1.4516−.0048	−55 36 44.3	−11.178−.171	10.0	4
4891	843	7.8	15 37.34	+0.7860−.0200	−64 7 21.7	−11.182−.090	10.0	4
4892	1093	7.0	15 40.50	+1.2687−.0081	−58 24 59.4	−11.186−.149	10.1	4
4893	4294	7.0	15 40.94	+2.1810+.0018	−38 47 46.6	−11.186−.259	10.0	4
4894	922	6.8	15 41.36*	+0.8082−.0193	−63 54 24.2	−11.187−.093	10.2	3,4
4895	4113	7.2	15 47.76	+2.0658+.0015	−42 14 38.9	−11.195−.245	9.9	4
4896	488	6.7*	15 47.87	−0.6770−.0838	−73 31 45.2	−11.195+.087	10.2	4
4897	668	9.6	15 49.85	−0.2517−.0610	−71 33 30.7	−11.197+.035	10.4	4
4898	4282^{1}	8.5	15 56.15	+1.9739+.0010	−44 45 8.3	−11.205−.234	10.0	1
4899	4282^{2}	8.5	15 56.32	+1.9739+.0010	−44 45 13.1	−11.205−.234	10.1	3
4900	4627	6.4	16 0.97	+2.3166+.0019	−34 18 25.0	−11.211−.275	10.2	4

4876S.P. $19^{s}.94$, $15''.8$, 9.5, 1. 4894 ($40^{s}.95$).

No.	Name	Mag.	R. A. 1910	Prec. and Sec. Var.	Decl. 1910	Prec. and Sec. Var.	Epoch.	No. Obs.
		M	h m s	s s	° ′ ″	″ ″		
4901	1095	6.4	8 16 5.33	+1.2375−.0088	−58 53 2.8	−11.216−.145	10.4	4
4902	4040	7.4	16 8.50	+1.8879+.0004	−46 55 40.1	−11.220−.223	10.3	4
4903	3997	7.1	16 15.52	+1.9292+.0007	−45 55 18.5	−11.228−.228	10.4	4
4904	3799	6.6	16 19.53	+1.8469+.0001	−47 54 52.8	−11.233−.218	10.2	4
4905	1017	7.7	16 21.80	+1.1531−.0106	−60 1 54.2	−11.236−.134	10.4	4
4906	4555	6.9*	16 24.29	+2.2346+.0019	−37 8 2.0	−11.239−.265	10.1	4
4907	6064	7.1	16 27.71	+2.4126+.0018	−30 48 48.2	−11.243−.286	10.3	4
4908	4479	8.5	16 31.43	+2.2414+.0020	−36 55 10.9	−11.248−.266	10.1	4
4909	2233	6.1	16 32.41	+2.6112+.0009	−22 38 24.2	−11.249−.310	10.2	4
4910	5976	7.4	16 38.01	+2.4530+.0017	−29 15 23.8	−11.256−.291	10.2	4
4911	1018	8.1	16 39.61	+1.1551−.0106	−60 1 41.8	−11.257−.134	10.2	4
4912	1815	4.4	16 40.68	+4.1210−.0314	+43 28 39.2	−11.259−.492	10.2	13
4913	3495	7.2	17 3.97	+1.7906−.0004	−49 15 8.8	−11.287−.211	9.9	4
4914	907	5.0	17 19.26*	+0.6698−.0239	−65 19 48.7*	−11.305−.076	9.7	8
4915	2952	6.8	17 27.26	+1.6778−.0016	−51 39 28.4	−11.315−.197	10.0	8
4916	4192	7.1	17 33.85	+2.0087+.0012	−43 58 9.2	−11.323−.237	9.8	4
4917	1625	8.2	17 35.97	+1.5876−.0028	−53 24 12.3	−11.325−.186	10.0	4
4918	1007	8.3	17 37.54	+1.0487−.0132	−61 25 4.2	−11.327−.121	10.2	4
4919	5185	4.9	17 50.30	+2.3633+.0020	−32 46 3.7	−11.343−.279	9.9	8
4920	1595	8.3	17 55.68	+1.4036−.0057	−56 34 21.8	−11.349−.164	10.1	4
4921	4513	5.2	17 57.00	+2.2664+.0020	−36 11 51.5	−11.351−.268	9.9	4
4922	1023	7.8	17 58.62	+1.1787−.0102	−59 49 3.7	−11.353−.137	10.4	4
4923	4245	6.2	18 8.71	+2.1704+.0019	−39 20 1.6	−11.365−.256	10.1	8
4924	1930	5.9	18 12.77	+3.4434−.0114	+18 37 18.6	−11.369−.409	10.6	5
4925	4247	7.2	18 14.54	+2.1677+.0019	−39 25 25.7	−11.372−.255	10.1	4
4926	5917	7.1	18 23.38	+2.4793+.0016	−28 20 9.8	−11.382−.293	10.2	4
4927	4137	7.6	18 24.51	+2.1440+.0018	−40 10 1.6	−11.384−.252	10.1	4
4928	4325	7.9	18 27.00	+1.9840+.0011	−44 42 9.7	−11.386−.233	10.3	4
4929	2963	6.6	18 30.61	+1.6680−.0018	−51 56 29.1	−11.391−.195	9.9	4
4930	4157	8.0	18 35.82	+2.0634+.0016	−42 32 53.8	−11.397−.243	10.1	4
4931	4330	7.8	18 39.84	+1.9842+.0012	−44 42 55.6	−11.402−.233	10.4	4
4932	1444	7.2	18 41.02	+1.6505−.0020	−52 17 58.4	−11.403−.193	10.3	5,4
4933	4045	8.1	18 41.61	+1.9325+.0008	−46 2 53.3	−11.404−.227	10.4	4
4934	6041	7.0	18 52.12	+2.4535+.0018	−29 24 12.6	−11.417−.289	10.1	4
4935	1027	8.3	18 56.34	+1.1851−.0101	−59 48 21.0	−11.422−.137	10.4	4
4936	5988	5.9	19 1.71	+2.5356+.0014	−26 3 33.6	−11.428−.299	10.5	4
4937	3726	8.4	19 2.74	+1.8479+.0001	−48 7 22.3	−11.429−.216	10.5	4
4938	315	7.3	19 5.91	−2.5944−.2382	−79 2 13.7	−11.433+.316	10.4	4
4939	5976	7.1*	19 9.22	+2.4047+.0019	−31 19 7.4	−11.437−.283	10.1	4
4940	771	8.9	19 9.58	+0.2558−.0395	−68 42 41.8	−11.438−.026	10.7	4
4941	1490	6.1	19 12.11	+1.3376−.0070	−57 41 7.7	−11.441−.155	9.9	4
4942	3860	7.7	19 23.70	+1.8759+.0004	−47 29 39.3	−11.455−.220	10.0	4
4943	1011	7.7	19 24.21	+1.0007−.0146	−62 6 21.5	−11.455−.115	10.6	4
4944	4346	7.1	19 38.56	+1.9927+.0012	−44 34 34.9	−11.472−.233	10.0	4
4945	3734	4.9	19 45.48	+1.8472+.0001	−48 12 3.7	−11.481−.216	9.9	4
4946	5409	7.1	19 47.47	+2.5015+.0016	−27 31 51.6	−11.483−.294	10.3	4
4947	6167	7.0	19 52.23	+2.4272+.0019	−30 30 39.1	−11.489−.285	10.3	4
4948	4178	7.1	19 52.39	+2.0535+.0016	−42 56 17.0	−11.489−.240	10.4	4
4949	940	6.0	19 52.48	+0.8452−.0190	−63 49 1.3	−11.489−.096	10.1	4
4950	3738	7.8	19 52.77	+1.8232−.0001	−48 45 43.2	−11.489−.213	10.4	4

4914S.P. 50″.2, 10.3, 12, 11, (57″.1).

No.	Name	Mag.	R. A. 1910	Prec. and Sec. Var.	Decl. 1910	Prec. and Sec. Var.	Epoch.	No. Obs.
		M	h m s	s s	° ′ ″	″ ″		
4951	3873	8.0	8 19 53.45	+1.8597+.0003	-47 55 12.8	-11.490-.217	10.2	4
4952	4638	6.3	19 57.34	+2.2173+.0020	-37 59 43.8	-11.495-.260	10.2	4
4953	777	7.0	19 58.19	+0.2538-.0399	-68 46 24.1	-11.496-.025	10.8	4
4954	6079	7.2	20 2.51	+2.4380+.0018	-30 6 5.8	-11.501-.286	10.1	4
4955	678	5.4	20 5.11*	-0.1476-.0581	-71 13 41.8*	-11.504+.023	10.0	8
4956	5961	6.6*	20 6.71	+2.4739+.0017	-28 40 46.7	-11.506-.290	10.0	4
4957	500	7.9	20 13.13	-0.9341-.1036	-74 43 41.2	-11.514+.116	10.8	4
4958	678	5.7	20 16.34*	-0.1439-.0581	-71 13 6.4*	-11.517+.022	10.0	8
4959	4187	8.3	20 18.92	+2.0698+.0016	-42 30 59.5	-11.520-.242	10.3	4
4960	679	8.6	20 20.15	-0.1416-.0580	-71 12 33.6	-11.522+.022	10.6	4
4961	4357	7.8	20 20.78	+1.9913+.0012	-44 40 30.0	-11.523-.233	10.1	4
4962	2980	5.9	20 24.13	+1.6814-.0016	-51 50 1.7	-11.527-.196	10.2	4
4963	5245	7.0	20 25.24	+2.3732+.0020	-32 36 20.7	-11.528-.278	10.1	4
4964	4075	7.4	20 31.05	+1.9672+.0011	-45 19 16.8	-11.535-.230	10.1	4
4965	1032	1.7	20 40.08	+1.2385-.0091	-59 13 10.4	-11.546-.143	10.0	19
4966	1496	8.1	20 44.76	+1.3516-.0068	-57 35 54.1	-11.551-.156	10.1	4
4967	507	4.1	20 51.90*	-1.5231-.1466	-76 38 7.8*	-11.560+.186	9.9	8
4968	7269	6.8	20 59.02	+2.6003+.0011	-23 23 52.6	-11.568-.304	9.9	4
4969	2262	5.6	21 0.21	+2.6124+.0010	-22 51 42.6	-11.570-.306	10.3	4
4970	2339	4.0	21 9.82	+3.0037-.0032	- 3 36 44.5	-11.581-.352	10.1	22,46
4971	7277	5.5	21 10.54	+2.5925+.0012	-23 45 14.3	-11.582-.304	10.5	4
4972	840	7.8	21 12.15	+0.4974-.0307	-67 2 43.6	-11.584-.054	10.6	4
4973	7280	9.0	21 13.52	+2.5926+.0012	-23 45 11.4	-11.586-.303	10.5	4,5
4974	2426	7.0*	21 21.17	+2.6354+.0009	-21 50 51.4	-11.595-.308	10.1	4
4975	1621	7.5	21 26.32	+1.5144-.0040	-55 1 38.3	-11.601-.175	10.2	4
4976	6030	6.7	21 34.70	+2.4011+.0020	-31 38 49.4	-11.611-.280	10.1	4
4977	4219	6.2	21 50.38	+2.0759+.0017	-42 28 35.1	-11.629-.242	10.0	4
4978	1111	8.9	21 53.33	+1.1218-.0118	-60 50 28.8	-11.633-.128	10.0	4
4979	1664	7.5	22 7.34	+1.6058-.0026	-53 26 34.2	-11.649-.186	10.2	4
4980	6145	7.7	22 7.61	+2.4540+.0019	-29 37 43.8	-11.650-.286	10.0	4
4981	1539	7.1	22 8.54	+1.4904-.0044	-55 29 47.9	-11.651-.172	10.2	4
4982	1627	6.8	22 24.82	+1.5166-.0039	-55 4 15.5	-11.670-.175	10.0	4
4983	6049	7.0	22 25.17	+2.3968+.0021	-31 52 32.3	-11.671-.279	10.1	4
4984	6035	7.0*	22 30.21	+2.5227+.0016	-26 50 53.0	-11.677-.294	10.0	4
4985	4119	5.3	22 42.97	+2.0999+.0018	-41 51 29.7	-11.692-.244	10.0	4
4986	1543	6.7	22 53.45	+1.5127-.0040	-55 10 42.0	-11.704-.174	10.1	4
4987	694	5.4	22 53.54*	-0.5005-.0789	-73 6 31.9*	-11.704+.064	10.0	9
4988	3003	10.2	22 55.67	+1.7117-.0012	-51 26 17.5	-11.707-.198	10.1	4
4989	3004	5.2	22 57.45	+1.7121-.0012	-51 25 58.6	-11.709-.198	10.1	4
4990	4462[1]	6.7	22 59.46	+2.2016+.0021	-38 45 48.2	-11.711-.256	10.0	4
4991	4462[2]	7.3	23 0.08	+2.2016+.0021	-38 45 52.9	-11.712-.256	10.0	4
4992	1544	7.1	23 7.39	+1.4978-.0043	-55 27 14.7	-11.721-.172	9.8	4
4993	6048	6.6	23 8.13	+2.4736+.0018	-28 55 9.8	-11.722-.288	10.0	4
4994	1545	9.1	23 10.00	+1.4991-.0042	-55 26 7.8	-11.724-.172	10.0	4
4995	384	8.5	23 12.29	-2.0438-.1943	-78 2 19.1	-11.726+.247	10.2	4
4996	4248	8.0	23 12.57	+2.1339+.0020	-40 53 29.0	-11.727-.247	10.1	4
4997	2278	7.2	23 15.04	+2.6094+.0011	-23 8 28.1	-11.730-.303	10.1	4
4998	902	7.1	23 18.15	+0.1027-.0477	-69 57 19.1	-11.733-.007	10.4	4
4999	3789	7.5	23 20.41	+1.8634+.0004	-48 8 15.1	-11.736-.215	10.3	4
5000	383	4.3	23 21.56*	-1.6938-.1640	-77 11 39.6*	-11.737+.205	10.0	31,35

4955S.P. $5^s.11$, $43''.4$, 10.2, 7.

4958S.P. $16^s.23$, $7''.3$, 9.9, 6.

4967S.P. $52^s.04$, $7''.4$, 9.9, 11.

4987S.P. $53^s.62$, $32''.2$, 10.0, 8.

5000S.P. $21^s.57$,$39''.6$, 10.0, 30, 27; $37''.4$, $41''.6$ included.

No.	Name	Mag.	R. A. 1910	Prec. and Sec. Var.	Decl. 1910	Prec. and Sec. Var.	Epoch.	No. Obs.
		M	h m s	s s	° ′ ″	″ ″		
5001	6075	6.7*	8 23 28.27	+2.3988+.0021	−31 53 12.3	−11.745−.278	10.1	4
5002	1513	6.9	23 29.07	+1.3503−.0069	−57 50 16.2	−11.746−.154	10.3	4
5003	4250	7.2	23 32.46	+2.0898+.0018	−42 13 38.7	−11.750−.242	10.2	4
5004	3951	7.7	23 33.70	+1.8783+.0005	−47 48 15.2	−11.752−.217	10.2	4
5005	1634	8.7	23 35.44	+1.5550−.0034	−54 29 46.2	−11.754−.179	10.8	4
5006	6079	6.3	23 39.36	+2.4125+.0021	−31 22 31.7	−11.758−.280	10.1	4
5007	3553	7.2	23 52.01	+1.8194−.0000	−49 12 1.5	−11.773−.210	10.3	4
5008	6971	7.6	23 54.56	+2.5775+.0013	−24 35 36.1	−11.776−.299	10.5	4
5009	1474	6.1	23 56.03	+1.6627−.0018	−52 30 38.8	−11.778−.191	10.3	4
5010	6087	6.9	24 1.18	+2.4049+.0021	−31 41 45.8	−11.784−.279	10.1	4
5011	4300	7.6	24 4.29	+2.0311+.0016	−43 56 2.4	−11.788−.234	10.1	4
5012	6109	6.6	24 4.40	+2.5492+.0015	−25 50 4.2	−11.788−.296	9.9	4
5013	3350	7.1	24 24.66	+1.7472−.0008	−50 49 50.0	−11.812−.201	10.0	4
5014	3026	7.5	24 27.62	+1.7309−.0010	−51 10 35.1	−11.815−.199	10.1	4
5015	1480	6.4	24 28.42	+1.6704−.0017	−52 24 22.4	−11.816−.192	10.1	4
5016	908	9.9	24 28.56	+0.2424−.0420	−69 7 14.6	−11.816−.023	10.2	4
5017	1643	7.4	24 30.11	+1.5272−.0038	−55 3 56.0	−11.818−.175	10.0	4
5018	4842[1]	5.8	24 30.35	+2.3219+.0022	−34 48 55.9	−11.818−.268	10.1	4
5019	4842[2]	10.0	24 31.60	+2.3218+.0023	−34 49 16.0	−11.820−.268	10.1	4
5020	878	6.0	24 37.97	+0.8301−.0202	−64 18 15.1	−11.827−.093	10.2	4
5021	2286	6.4	24 40.40	+2.6196+.0011	−22 46 18.7	−11.830−.303	10.0	4
5022	1645	7.7	24 41.23	+1.5298−.0038	−55 2 6.6	−11.831−.175	10.0	4
5023	500	8.3	24 41.81	−0.6582−.0898	−73 52 19.0	−11.832+.082	10.3	4
5024	933	3.6	24 45.64*	+0.6686−.0255	−65 50 10.3*	−11.836−.074	10.2	20
5025	4277	7.8	24 48.98	+2.1369+.0020	−40 56 48.4	−11.840−.246	9.9	4
5026	4848	7.6*	24 50.37	+2.3212+.0023	−34 52 5.9	−11.842−.268	10.1	4
5027	514	7.1	24 50.78	−1.2967−.1343	−76 8 13.9	−11.843+.158	10.4	4
5028	515	8.9	24 56.53	−1.2968−.1344	−76 8 30.1	−11.849+.158	10.4	4
5029	1647	6.4	25 8.23	+1.5503−.0035	−54 42 46.5	−11.863−.177	10.0	4
5030	1484	5.1	25 8.49	+1.6538−.0020	−52 47 25.1	−11.863−.189	10.2	4
5031	4313	8.1	25 8.86	+2.0350+.0016	−43 55 25.2	−11.864−.234	10.1	4
5032	6224	8.1	25 10.90	+2.4594+.0020	−29 39 5.1	−11.866−.284	10.1	4
5033	6335	8.0	25 18.11	+2.4370+.0020	−30 32 57.4	−11.875−.281	10.1	4
5034	6102	7.7	25 20.66	+2.4907+.0018	−28 23 21.5	−11.878−.287	10.3	4
5035	4285	7.7	25 24.25	+2.1410+.0021	−40 52 29.2	−11.882−.246	10.1	4
5036	6106	7.5	25 26.58	+2.4914+.0018	−28 21 55.8	−11.885−.287	10.3	4
5037	1490	9.0	25 40.25	+1.6730−.0017	−52 27 38.0	−11.901−.191	10.1	5
5038	6103	6.5	25 40.38	+2.5238+.0017	−27 1 53.3	−11.901−.291	10.1	4
5039	3041	7.6	25 40.89	+1.7220−.0011	−51 28 14.4	−11.901−.197	10.1	3
5040	1024	9.2	25 41.22	+1.0679−.0136	−61 47 19.8	−11.902−.120	10.4	4
5041	4290	6.6	25 43.54	+2.0946+.0019	−42 17 14.0	−11.905−.241	10.0	4
5042	4336	6.7	26 1.10	+2.0489+.0017	−43 37 5.0	−11.925−.235	10.0	4
5043	4000	7.8	26 2.73	+1.8842+.0006	−47 53 23.7	−11.927−.216	10.1	4
5044	4337	5.9	26 3.91	+2.0404+.0017	−43 51 34.7	−11.928−.234	10.1	5
5045	1563	8.4	26 9.44	+1.4961−.0044	−55 44 27.1	−11.935−.170	10.2	4
5046	6249	7.7*	26 11.13	+2.4521+.0020	−30 1 26.5	−11.937−.282	10.1	4
5047	4004	5.5	26 14.14	+1.8958+.0007	−47 37 40.8	−11.940−.217	9.9	4
5048	509	7.6	26 18.65	−0.8279−.1022	−74 36 56.9	−11.946+.102	10.2	4
5049	4189	8.0	26 25.19	+2.1326+.0021	−41 13 24.3	−11.953−.244	10.1	4
5050	4462	6.7	26 25.46	+2.0211+.0016	−44 25 19.8	−11.954−.231	9.9	4

5024S.P. 45^{s}.77, 11$^{''}$.5, 10.3, 19.

No.	Name	Mag.	R. A. 1910	Prec. and Sec. Var.	Decl. 1910	Prec. and Sec. Var.	Epoch.	No. Obs.
		M	h m s	s s	° ′ ″	″ ″		
5051	4462	5.2	8 26 25.58	+2.0211+.0016	-44 25 24.7	-11.954-.231	9.9	4
5052	510	8.7	26 31.02	-0.8036-.1008	-74 32 1.2	-11.960+.099	10.6	4
5053	4183	8.1	26 49.20	+1.9619+.0013	-46 1 47.7	-11.981-.224	9.8	4
5054	6165	5.6	26 51.98	+2.4068+.0022	-31 51 23.0	-11.985-.276	10.1	4
5055	4023	7.8	26 53.17	+1.8943+.0007	-47 43 27.3	-11.986-.216	10.0	4
5056	1048	7.4	26 53.44	+1.2305-.0097	-59 49 17.0	-11.986-.139	10.1	4
5057	4713	9.2	26 58.49	+2.2825+.0024	-36 25 2.9	-11.992-.262	10.1	4
5058	1920	6.0	27 4.15	+3.9188-.0266	+38 19 32.6	-11.999-.452	10.2	11
5059	4715	6.7	27 4.23	+2.2827+.0024	-36 25 6.0	-11.999-.262	10.1	4
5060	919	5.6	27 4.36*	+0.1638-.0465	-69 47 39.7*	-11.999-.014	10.0	9
5061	1707	6.6	27 5.67	+1.6040-.0027	-53 54 35.5	-12.001-.182	10.1	4
5062	6385	7.7	27 9.73	+2.4337+.0021	-30 49 52.6	-12.005-.279	10.1	4
5063	698	7.5	27 10.89	-0.0786-.0584	-71 14 30.4	-12.007+.014	10.4	4
5064	1667	6.4	27 17.06	+1.5510-.0035	-54 53 17.4	-12.014-.176	10.1	4
5065	5117	7.0*	27 17.75	+2.3687+.0023	-33 20 28.7	-12.015-.271	10.5	4
5066	4328	7.2	27 19.17	+2.1683+.0022	-40 12 30.5	-12.016-.248	10.2	4
5067	4330	7.8	27 23.41	+2.1689+.0022	-40 11 48.3	-12.021-.248	10.2	4
5068	2109	5.5	27 30.34	+3.4775-.0131	+20 44 51.0	-12.029-.400	10.1	22,40
5069	4208	6.6	27 34.42	+2.1365+.0022	-41 12 42.0	-12.034-.244	10.1	4
5070	3378	7.2	27 36.65	+1.7607-.0006	-50 49 55.6	-12.037-.200	10.3	4
5071	4477	6.5	27 37.01	+2.0248+.0016	-44 26 1.6	-12.037-.231	10.2	4
5072	3379	8.1	27 37.94	+1.7685-.0005	-50 40 3.4	-12.038-.201	10.2	4
5073	1672	8.5	27 39.02	+1.5732-.0031	-54 31 27.6	-12.040-.178	10.2	4
5074	1049	7.6	27 39.16	+1.2309-.0097	-59 52 37.4	-12.040-.138	10.3	4
5075	4561	7.2*	27 46.53	+2.2151+.0023	-38 45 25.1	-12.048-.253	10.1	4
5076	4566[1]	8.6	28 4.87	+2.2159+.0024	-38 45 31.2	-12.070-.253	10.2	1
5077	4566[2]	6.2	28 5.20	+2.2159+.0024	-38 45 34.8	-12.070-.253	10.0	4
5078	6181	7.4	28 18.56	+2.4800+.0020	-29 3 43.8	-12.086-.283	9.8	4
5079	4048	6.5	28 19.14	+1.9065+.0008	-47 33 43.8	-12.086-.216	9.6	4
5080	6209	7.8	28 25.10	+2.4218+.0022	-31 24 21.4	-12.093-.276	10.0	4
5081	4581	7.2	28 37.37	+2.2174+.0024	-38 45 39.3	-12.107-.252	10.0	4
5082	4215	8.1	28 37.67	+1.9894+.0015	-45 28 46.2	-12.108-.226	10.0	4
5083	1721	8.3	28 42.91	+1.6184-.0025	-53 47 13.1	-12.114-.183	10.0	4
5084	4267	6.8	28 45.66	+1.9334+.0011	-46 56 8.2	-12.117-.219	10.1	4
5085	861	7.5	28 51.76	+0.5851-.0295	-66 50 10.6	-12.124-.063	10.2	4
5086	4452	7.1	28 51.95	+2.1906+.0024	-39 38 50.6	-12.124-.249	10.1	4
5087	513	6.7*	29 1.50	-0.2134-.1107	-75 3 29.0	-12.135+.111	10.1	4
5088	1729	6.2	29 5.13	+1.6041-.0027	-54 5 14.2	-12.140-.181	10.0	4
5089	4274	8.0	29 8.01	+1.9314+.0011	-47 1 18.3	-12.143-.219	10.1	4
5090	702	7.2	29 10.27	-0.1571-.0636	-71 46 45.7	-12.146+.024	10.4	4
5091	7089	6.2	29 11.47	+2.5925+.0014	-24 17 56.6	-12.147-.295	10.1	4
5092	1143	Var.	29 19.30	+1.3095-.0081	-58 55 17.8	-12.156-.146	10.1	4,5
5093	6229	6.4	29 20.64	+2.4287+.0022	-31 12 45.9	-12.158-.276	10.1	4
5094	4061	8.6	29 21.42	+1.8939+.0008	-47 57 56.3	-12.159-.214	10.0	4
5095	1588	8.1	29 23.48	+1.5270-.0039	-55 29 39.7	-12.161-.172	10.2	4
5096	4959	6.2	29 27.31	+2.3472+.0024	-34 19 36.9	-12.165-.267	9.9	4
5097	4367	9.7	29 27.77	+2.1699+.0023	-40 21 30.8	-12.166-.246	10.1	4
5098	1589	9.5	29 30.44	+1.5273-.0039	-55 30 1.5	-12.169-.172	10.2	4
5099	4842	8.0	29 32.01	+2.2468+.0025	-37 52 5.0	-12.171-.255	9.3	1
5100	1517	5.8	29 34.99	+1.6684-.0018	-52 54 21.0	-12.174-.188	10.1	4

5060S.P. $4^{s}.41$, $41''.2$, 10.2, 12.

No.	Name	Mag.	R. A. 1910	Prec. and Sec. Var.	Decl. 1910	Prec. and Sec. Var.	Epoch.	No. Obs.
		M	h m s	s s	° ′ ″	″ ″		
5101	3621	7.0	8 29 37.90	+1.8386+.0003	-49 17 40.6	-12 178-.208	10.0	4
5102	258	5.6	29 41.84*	-3.3519-.3512	-80 37 10.3*	-12.182+.393	9.8	8
5103	1591	7.6	29 44.96	+1.4955-.0045	-56 3 51.9	-12.186-.168	10.2	4
5104	4287	6.5	29 45.48	+1.9451+.0012	-46 44 5.9	-12.186-.220	10.1	4
5105	4232	9.2	29 48.85	+1.9993+.0016	-45 19 49.0	-12.190-.226	10.3	4
5106	4969	7.7	29 52.72	+2.3479+.0024	-34 20 27.4	-12.195-.266	10.2	4
5107	4850	6.4	29 58.05	+2.2422+.0025	-38 3 46.8	-12.201-.254	10.0	4
5108	1696	8.0	29 58.41	+1.4810-.0047	-56 19 38.1	-12.201-.166	10.2	4
5109	4072	6.7	30 0.70	+1.9237+.0010	-47 17 53.2	-12.204-.217	10.0	4
5110	4235	9.2	30 1.36	+1.9995+.0016	-45 20 41.2	-12.205-.226	10.2	1
5111	4236	6.4*	30 2.25	+1.9958+.0016	-45 26 43.1	-12.206-.226	10.3	4
5112	1037	7.3	30 2.30	+1.0760-.0138	-62 1 57.1	-12.206-.119	10.8	4
5113	7110	6.8	30 9.10	+2.5831+.0015	-24 47 26.4	-12.214-.293	10.3	4
5114	867	8.2	30 10.23	+0.6285-.0282	-66 33 36.3	-12.215-.067	10.7	4
5115	959	7.5	30 12.78	+0.7779-.0229	-65 12 58.9	-12.218-.085	10.6	4
5116	1683	7.2	30 14.64	+1.5698-.0032	-54 48 58.6	-12.220-.176	10.2	4
5117	4250	6.8	30 15.49	+2.1417+.0023	-41 18 17.4	-12.221-.242	10.2	4
5118	4610	6.0	30 17.87	+2.2288+.0025	-38 32 25.7	-12.224-.252	10.3	4
5119	1595	7.4	30 21.73	+1.5510-.0035	-55 9 43.6	-12.228-.174	10.0	4
5120	4243	7.5	30 33.41	+1.9790+.0015	-45 56 22.2	-12.242-.223	10.0	4
5121	4300	6.3	30 34.66	+1.9511+.0013	-46 39 43.8	-12.243-.220	10.0	4
5122	6200	6.6	30 41.41	+2.5384+.0018	-26 47 20.7	-12.251-.288	10.0	4
5123	4774	6.7	30 46.08	+2.2872+.0025	-36 35 53.9	-12.256-.259	10.1	4
5124	1606	7.2	30 50.84	+1.4999-.0044	-56 5 17.3	-12.262-.168	10.1	4
5125	4867	8.0	30 51.67	+2.2453+.0025	-38 2 35.1	-12.263-.254	10.1	4
5126	4502	7.0	30 52.55	+2.2036+.0025	-39 25 13.7	-12.264-.249	10.1	4
5127	5465	6.4	30 55.50	+2.4047+.0024	-32 17 7.6	-12.267-.272	10.2	4
5128	4873	6.2	31 5.14	+2.2677+.0026	-37 18 5.6	-12.278-.256	9.8	4
5129	2498	7.6	31 7.13	+2.6470+.0011	-21 56 35.4	-12.281-.300	10.2	4
5130	4255	7.5	31 10.76	+2.0044+.0017	-45 19 37.0	-12.285-.226	10.1	4
5131	4422	7.3	31 30.67	+2.0553+.0020	-43 57 34.0	-12.308-.231	10.0	4
5132	4787	7.8*	31 34.04	+2.2769+.0026	-37 1 54.2	-12.312-.257	10.1	4
5133	1532	6.9	31 38.16	+1.6853-.0015	-52 45 41.3	-12.316-.188	10.1	4,3
5134	5207	6.7*	31 38.22	+2.3689+.0025	-33 42 51.7	-12.316-.267	10.0	4
5135	6225	5.9	31 39.71	+2.5461+.0018	-26 31 57.8	-12.318-.288	10.0	4
5136	6430	7.3	31 46.20	+2.4832+.0021	-29 12 45.2	-12.326-.280	10.1	4
5137	3407	6.5*	31 48.69	+1.7813-.0003	-50 46 57.8	-12.329-.199	10.0	4
5138	4519	6.3	31 53.93	+2.1992+.0025	-39 39 36.5	-12.335-.247	10.0	4
5139	3646	4.9	31 58.71	+1.8336+.0003	-49 38 1.6	-12.340-.205	10.1	4
5140	349	7.9	32 13.47	-2.1554-.2220	-78 37 10.1	-12.357+.253	9.7	4
5141	4116	7.0	32 32.25	+1.9350+.0012	-47 15 35.3	-12.379-.216	10.0	4
5142	6540	7.4	32 37.09	+2.4404+.0023	-31 1 32.6	-12.384-.274	10.0	4
5143	1760	6.9	32 43.44	+1.6322-.0023	-53 53 40.5	-12.391-.182	10.0	4
5144	6316	6.8	32 44.55	+2.4174+.0024	-31 56 59.5	-12.393-.272	10.0	4
5145	3099	7.5	32 44.68	+1.7516-.0006	-51 30 31.3	-12.393-.195	10.1	4
5146	1153	7.6	32 50.54	+1.3601-.0072	-58 28 58.7	-12.400-.150	10.0	4
5147	2001	4.2	32 53.53	+3.1832-.0066	+ 6 1 5.1	-12.403-.359	10.0	9
5148	520	6.7	32 54.31	-0.7249-.1012	-74 32 44.9	-12.404+.088	10.1	4
5149	4855	7.1*	33 0.47	+2.2483+.0026	-38 8 37.9	-12.411-.252	10.1	4
5150	4349	7.5	33 4.11	+1.9788+.0016	-46 11 19.7	-12.415-.221	10.1	4

5102S.P. $41^{s}.95$, $10''.4$, 10.0, 9.

No.	Name	Mag.	R. A. 1910	Prec. and Sec. Var.	Decl. 1910	Prec. and Sec. Var.	Epoch.	No. Obs.
		M	h m s	s s	° ′ ″	″ ″		
5151	1702	7.8	8 33 7.37	+1.5859−.0030	−54 47 25.3	−12.419−.176	10.1	4
5152	1590	5.4	33 10.08	+1.3996−.0064	−57 54 45.3	−12.422−.155	9.9	4
5153	3417	6.0	33 10.84	+1.7930−.0001	−50 39 25.1	−12.423−.200	10.2	4
5154	1591	4.8	33 12.16	+1.4137−.0061	−57 41 50.6	−12.424−.156	10.2	4
5155	6331	6.8	33 13.40	+2.5587+.0018	−26 6 6.8	−12.426−.287	10.2	4
5156	713	6.0	33 19.31	−0.3668−.0783	−73 2 53.4	−12.432+.047	10.0	4
5157	4291	9.1	33 19.82	+1.9889+.0016	−45 56 54.2	−12.433−.222	10.2	4
5158	4292	9.7	33 20.23	+1.9926+.0017	−45 51 3.2	−12.433−.222	10.4	4
5159	3938	8.7	33 27.58	+1.8663+.0006	−49 1 9.6	−12.442−.208	10.2	4
5160	4921	8.8	33 29.17	+2.2637+.0027	−37 39 56.7	−12.444−.253	9.9	4
5161	1630	7.2	33 37.51	+1.5163−.0042	−56 3 42.4	−12.453−.168	10.1	4
5162	4927	8.1	33 44.26	+2.2665+.0027	−37 35 46.5	−12.461−.253	9.9	4
5163	4135[1]	8.0	33 46.04	+1.9427+.0013	−47 11 9.5	−12.463−.216	10.1	4
5164	4135[2]	9.5	33 46.08	+1.9428+.0013	−47 11 1.5	−12.463−.216	10.1	4
5165	4136	7.4	33 49.72	+1.9231+.0012	−47 41 4.1	−12.467−.214	10.1	4
5166	6565	8.0	33 50.28	+2.4638+.0023	−30 11 3.4	−12.468−.276	10.1	4
5167	4474	7.4	33 54.98	+2.0693+.0021	−43 48 0.7	−12.473−.231	10.2	4
5168	5257	6.5	33 55.35	+2.3819+.0026	−33 25 47.5	−12.474−.266	10.1	4
5169	1735	6.9	33 55.75	+1.4981−.0045	−56 23 51.0	−12.474−.166	10.3	4
5170	6356	5.2	34 1.47	+2.5638+.0018	−25 56 22.0	−12.481−.287	10.3	9
5171	2026	4.5	34 3.27	+3.1394−.0057	+ 3 39 28.5	−12.483−.353	9.9	5
5172	4574	6.4	34 4.23	+2.2003+.0026	−39 50 0.6	−12.484−.246	10.0	4
5173	1738	8.5	34 7.83	+1.4897−.0046	−56 33 24.8	−12.488−.164	10.1	4
5174	1740	9.5	34 12.08	+1.4895−.0046	−56 33 58.6	−12.493−.164	10.1	4
5175	3950[1]	10.4	34 20.97	+1.8661+.0007	−49 6 44.6	−12.503−.207	10.3	4
5176	3950[2]	7.4	34 21.71	+1.8662+.0007	−49 6 37.8	−12.504−.207	10.3	4
5177	525	7.6	34 25.63	−1.3184−.1482	−76 37 17.1	−12.508+.156	9.9	4
5178	4451	4.1	34 28.71	+2.1099+.0024	−42 40 25.7	−12.512−.235	10.0	10
5179	4322	7.1	34 40.53	+1.9933+.0017	−45 58 1.7	−12.525−.221	10.2	4
5180	4949	7.1*	34 41.62	+2.2663+.0027	−37 41 34.6	−12.526−.252	10.0	4
5181	4388	Var.	34 45.20	+1.9521+.0014	−47 2 46.8	−12.530−.217	10.1	4
5182	1065	7.6	34 47.01	+1.2650−.0094	−60 0 45.8	−12.532−.138	10.1	4
5183	1050	8.2	34 49.49	+1.1398−.0126	−61 38 55.0	−12.535−.124	10.1	4
5184	4603	7.7	34 50.48	+2.2048+.0026	−39 45 53.8	−12.536−.245	10.1	4
5185	3692	7.5	35 11.10	+1.8415+.0004	−49 45 53.4	−12.560−.204	10.0	4
5186	2345	5.1	35 11.51	+2.6442+.0012	−22 21 19.3	−12.560−.295	10.1	4
5187	1717	7.5	35 18.71	+1.6033−.0027	−54 40 41.8	−12.569−.177	10.0	4
5188	1058	5.4	35 43.03	+1.0723−.0145	−62 32 12.0	−12.596−.116	9.9	4
5189	2420	5.2	35 45.62	+2.8486−.0010	−12 9 24.1	−12.599−.318	9.9	4
5190	4964	6.9*	35 48.61	+2.2850+.0028	−37 9 10.1	−12.602−.254	10.0	4
5191	4872	6.1	35 55.39*	+2.3097+.0028	−36 17 23.4	−12.610−.256	10.0	3,4
5192	6359	7.2	35 55.46	+2.5023+.0022	−28 45 48.9	−12.610−.278	10.1	4
5193	6544	5.0	35 58.31	+2.4911+.0023	−29 14 25.3	−12.613−.277	10.2	9
5194	4633	7.1	35 59.29	+2.2169+.0027	−39 28 50.0	−12.614−.246	10.1	4
5195	796	7.0	36 8.31	+0.1636−.0504	−70 21 39.2	−12.625−.013	9.9	4
5196	1565	6.5	36 11.52	+1.7065−.0012	−52 46 23.0	−12.628−.188	10.0	4
5197	4638	8.6	36 14.08	+2.2180+.0027	−39 28 17.0	−12.631−.246	10.1	4
5198	5305	7.3	36 15.71	+2.3808+.0027	−33 41 25.8	−12.633−.264	10.1	4
5199	4487	8.3	36 24.74	+2.1332+.0025	−42 10 5.4	−12.643−.236	10.0	4
5200	5308	7.4	36 28.50	+2.3810+.0027	−33 42 3.4	−12.648−.264	10.1	4

5191 ($55^{s}.62$).

No.	Name	Mag.	R. A. 1910	Prec. and Sec. Var.	Decl. 1910	Prec. and Sec. Var.	Epoch.	No. Obs.
		M	h m s	s s	° ′ ″	″ ″		
5201	4645	8.4	8 36 31.57	+2.2194+.0028	-39 27 7.7	-12.651-.246	10.0	4
5202	5128	4.0	36 34.72	+2.3471+.0028	-34 59 18.5	-12.655-.260	10.4	23
5203	1660	7.4	36 44.17	+1.5583-.0035	-55 37 25.8	-12.665-.171	10.1	4
5204	1063	6.5*	36 51.03	+1.0813-.0144	-62 31 30.4	-12.673-.117	10.0	4
5205	1796	5.6	36 51.90	+1.6924-.0014	-53 7 16.5	-12.674-.186	10.0	4
5206	4653	5.2	37 1.00	+2.2059+.0028	-39 56 39.0	-12.684-.244	9.9	8
5207	4370	8.0	37 8.31	+2.1401+.0026	-42 1 59.3	-12.693-.236	9.9	4
5208	4371	7.2	37 8.75	+2.1389+.0026	-42 4 11.2	-12.693-.236	9.9	4
5209	1075	6.4	37 18.62*	+1.2821-.0092	-59 59 54.4*	-12.704-.139	10.1	4
5210	4008	7.5	37 19.77	+1.9194+.0012	-48 7 34.0	-12.705-.211	10.2	4
5211	138	7.0	37 21.12	-12.733-2.686	-86 15 30.7	-12.707+1.44	10.0	4
5212	1579	5.4	37 23.59	+1.7142-.0010	-52 44 7.6	-12.710-.188	10.3	4
5213	3141	7.5	37 29.34	+1.7681-.0004	-51 37 17.8	-12.716-.194	10.3	5
5214	4380	7.6	37 29.80	+2.1417+.0026	-42 1 12.1	-12.717-.236	10.0	4
5215	4679	5.7	37 31.17	+2.0442+.0022	-44 52 14.3	-12.718-.225	10.2	4
5216	1804	7.4	37 32.47	+1.6750-.0016	-53 31 52.9	-12.720-.183	10.2	4
5217	4438	4.1	37 38.38	+1.9910+.0018	-46 19 41.4	-12.726-.219	9.7	8
5218	1583	3.7	37 42.86	+1.7223-.0009	-52 36 7.1	-12.731-.188	10.3	19,18
5219	1584	5.7	37 43.13	+1.7177-.0010	-52 41 43.8	-12.732-.188	9.9	4
5220	4683	7.5	37 43.29	+2.0497+.0022	-44 44 15.3	-12.732-.225	10.1	4
5221	528	7.2	37 50.39	-1.2871-.1500	-76 41 5.7	-12.740+.150	10.4	4
5222	327	7.1	37 51.71	-2.6866-.2933	-79 50 36.4	-12.741+.308	10.4	4
5223	3474	7.4	37 52.42	+1.8124+.0002	-50 41 35.9	-12.742-.199	10.0	4
5224	1078	6.8	37 59.00	+1.3407-.0078	-59 13 36.0	-12.750-.145	10.2	4
5225	4210	6.8	37 59.60	+1.9311+.0014	-47 54 15.2	-12.750-.212	10.1	4
5226	3478	8.3	38 2.49	+1.8121+.0002	-50 43 1.1	-12.754-.198	10.0	4
5227	1895	4.7	38 4.78	+3.4847-.0143	+21 47 33.6	-12.756-.386	10.2	7,16
5228	4214	7.7	38 7.22	+1.9379+.0014	-47 44 46.6	-12.759-.212	10.3	4
5229	4020	6.1	38 13.97	+1.9038+.0011	-48 36 4.4	-12.766-.208	10.1	4
5230	4448	4.8	38 16.04	+1.9679+.0017	-46 59 44.0	-12.769-.216	10.1	4
5231	4217	8.3	38 19.55	+1.9582+.0016	-47 15 11.5	-12.773-.215	10.3	4
5232	4698	6.6	38 29.95	+2.0550+.0023	-44 40 11.6	-12.784-.225	10.0	4
5233	1644	6.5	38 31.32	+1.4739-.0050	-57 13 27.5	-12.786-.160	10.1	4
5234	6433	7.1	38 33.68	+2.4317+.0026	-31 54 31.2	-12.789-.268	10.2	4
5235	1080	4.4	38 37.78	+1.3301-.0081	-59 26 23.2	-12.793-.144	10.4	4
5236	818	7.0	38 40.29	+0.3991-.0401	-68 57 13.3	-12.796-.039	10.6	4
5237	946	5.3	38 45.56*	+0.2370-.0478	-70 3 55.1*	-12.802-.021	10.0	8
5238	530	6.7	38 52.04	-0.5734-.0959	-74 15 15.0	-12.809+.070	10.4	4
5239	4704	5.2	38 53.13	+2.0414+.0022	-45 5 16.3	-12.810-.223	10.1	4
5240	531	8.1	38 57.90	-0.6962-.1047	-74 44 52.3	-12.816+.084	10.2	4
5241	1598	8.0	39 11.76	+1.7228-.0009	-52 44 24.2	-12.831-.187	10.0	4
5242	366	8.7	39 17.53	-1.8316-.2027	-78 10 44.4	-12.838+.211	10.2	4
5243	6646	7.6	39 18.93	+2.4989+.0024	-29 12 1.2	-12.839-.274	10.1	4
5244	523	6.9	39 20.83	-0.4499-.0879	-73 45 27.8	-12.842+.056	10.1	4
5245	4251	5.5	39 21.43	+1.9418+.0015	-47 46 31.8	-12.842-.212	9.9	4
5246	4474	8.0	39 22.50	+2.0004+.0020	-46 15 21.4	-12.843-.218	10.1	4
5247	4976	6.3*	39 26.55	+2.3376+.0029	-35 37 10.7	-12.848-.256	10.1	4
5248	2027	4.2	39 34.34	+3.4153-.0125	+18 29 8.1*	-12.857-.377	10.3	15,29
5249	1601	7.4	39 34.64	+1.7293-.0008	-52 38 40.4	-12.857-.188	9.9	4
5250	1023	7.7	39 37.46	+0.9695-.0182	-64 0 44.7	-12.860-.103	10.3	4

5237S.P. $45^{s}.62$, $56''.2$, 10.3, 5. 5209N.F. 5248 ($10''.3$).

No.	Name	Mag.	R. A. 1910	Prec. and Sec. Var.	Decl. 1910	Prec. and Sec. Var.	Epoch.	No. Obs.
		M	h m s	s s	° ′ ″	″ ″		
5251	530	7.4	8 39 37.83	+1.1710−.1425	−76 25 7.7	−12.860+.136	10.6	4
5252	4261	7.3	39 40.13	+1.9406+.0015	−47 50 22.8	−12.863−.211	10.4	4
5253	1605	5.7	39 44.08	+1.7236−.0009	−52 46 36.3	−12.868−.187	10.0	4
5254	4482	8.3	39 45.58	+1.9770+.0018	−46 54 56.1	−12.869−.215	10.3	4
5255	4483	6.8	39 48.71	+1.9935+.0019	−46 29 6.2	−12.873−.217	10.2	4
5256	1607	5.0	39 50.50	+1.7235−.0009	−52 47 26.0	−12.875−.187	10.2	4
5257	4786	7.9	39 53.76	+2.2488+.0030	−38 48 38.9	−12.878−.246	10.2	4
5258	4789	6.6	39 57.16	+2.2561+.0030	−38 33 57.6	−12.882−.246	10.2	3
5259	5651	3.7	39 58.53	+2.4112+.0028	−32 51 41.6	−12.884−.264	10.3	17,16
5260	1688	6.1	39 59.09	+1.5856−.0030	−55 27 5.4	−12.884−.172	10.6	4
5261	899	6.9	40 1.45	+0.7190−.0270	−66 29 36.4	−12.887−.075	10.6	4
5262	4442	7.7	40 2.86	+2.0163+.0021	−45 53 59.5	−12.889−.220	10.4	4
5263	4441	6.9	40 3.18	+2.0405+.0023	−45 14 13.8	−12.889−.222	10.4	4
5264	4282	7.5	40 20.50	+1.9574+.0017	−47 28 53.6	−12.908−.213	10.1	4
5265	1834	8.2	40 20.94	+1.6945−.0013	−53 25 32.3	−12.909−.183	10.2	4
5266	1622	7.6	40 28.22	+1.7284−.0008	−52 45 12.4*	−12.917−.187	10.0	4,3
5267	4804	7.0	40 37.17	+2.2614+.0030	−38 27 17.2	−12.927−.246	10.0	4
5268	4498	8.1	40 40.98	+1.9745+.0018	−47 4 38.8	−12.931−.214	9.9	4
5269	3167	7.4	40 42.99	+1.7711−.0002	−51 53 1.6	−12.933−.192	10.1	4
5270	7702	6.8	40 44.43	+2.6294+.0016	−23 27 39.4	−12.935−.287	10.2	4
5271	4504	7.1	40 47.66	+1.9979+.0020	−46 28 23.2	−12.938−.217	10.1	4
5272	6475	7.4*	40 48.19	+2.4422+.0027	−31 41 41.6	−12.939−.266	10.3	4
5273	3761	5.2	40 51.20	+1.8777+.0010	−49 29 49.1	−12.942−.204	10.4	4
5274	5054	6.8	40 51.92	+2.2979+.0030	−37 12 0.3	−12.943−.250	10.2	4
5275	3173	8.0	40 52.79	+1.7814−.0001	−51 40 42.5	−12.944−.193	10.1	4
5276	1842	7.6	41 2.04	+1.7093−.0011	−53 11 53.8	−12.954−.185	10.3	4
5277	3518	7.4	41 4.99	+1.8432+.0006	−50 19 35.9	−12.958−.199	10.0	4
5278	4569	4.1	41 11.02	+2.1443+.0028	−42 19 22.7	−12.964−.233	10.3	5
5279	1824	4.2	41 15.20	+3.6395−.0195	+29 5 22.8*	−12.969−.399	10.0	6,9
5280	6748	7.1	41 18.44	+2.4688+.0027	−30 39 3.2	−12.973−.269	10.2	4
5281	4980	5.8	41 23.98	+2.3100+.0031	−36 49 12.2	−12.979−.251	10.3	4
5282	269	6.9	41 25.80*	−4.4098−.5512	−82 14 58.2*	−12.981+.496	9.7	2
5283	6493	6.8*	41 28.86	+2.4383+.0028	−31 55 10.9	−12.984−.265	10.4	4
5284	4577	7.4	41 31.64	+2.1462+.0028	−42 18 0.0	−12.987−.233	10.1	4
5285	4312	7.7	41 35.56	+1.9556+.0017	−47 39 31.5	−12.992−.212	10.2	4
5286	730	7.1	41 37.55	−0.1096−.0680	−72 15 57.6	−12.994+.018	10.2	4
5287	1067	7.0	41 40.48	+1.2095−.0113	−61 21 38.2	−12.997−.129	10.3	4
5288	5879	Var.	41 42.51	+2.5345+.0023	−27 52 21.9	−12.999−.276	10.2	4
5289	4771	6.7	41 44.88	+2.0827+.0026	−44 13 5.9	−13.002−.226	10.0	4
5290	4490	8.3	41 51.69	+2.0191+.0022	−46 0 54.9	−13.010−.218	10.1	4
5291	7377	6.0	41 55.67	+2.5972+.0019	−25 3 35.3	−13.014−.282	10.2	4
5292	2036	3.5	42 0.66	+3.1928−.0071	+ 6 44 58.0*	−13.020−.348	9.8	22,36
5293	525	7.1	42 4.06	−0.3116−.0808	−73 17 22.5	−13.023+.040	10.2	4
5294	4496	7.5	42 7.54	+2.0313+.0023	−45 42 38.0	−13.027−.219	10.2	4
5295	4498	8.3	42 10.13	+2.0362+.0023	−45 34 42.9	−13.030−.220	10.4	4
5296	4748	8.4	42 11.78	+2.2377+.0031	−39 25 28.0	−13.032−.242	10.5	4
5297	1634	7.4	42 12.98	+1.7372−.0006	−52 45 3.7	−13.033−.187	10.5	4
5298	1788	2.0	42 13.12	+1.6554−.0018	−54 22 42.2	−13.033−.178	10.2	17,16
5299	6508	7.0*	42 16.77	+2.4422+.0028	−31 50 6.5	−13.037−.265	10.6	4
5300	4502	8.1	42 17.98	+2.0364+.0023	−45 35 12.7	−13.039−.220	10.1	4

5282 S.P. 25^{s}.70, 58$^{''}$.1, 9.4, 2.

5279 21$^{''}$.0, 20$^{''}$.9 included.

5266 (10$^{''}$.5).

5292 (55$^{''}$.4).

No.	Name	Mag.	R. A. 1910	Prec. and Sec. Var.	Decl. 1910	Prec. and Sec. Var.	Epoch.	No. Obs.
		M	h m s	s s	° ′ ″	″ ″		
5301	6417	7.3	8 42 18.62	+2.5712+.0021	−26 17 1.0	−13.039−.279	10.4	4
5302	5088	6.7	42 24.70	+2.2926+.0031	−37 32 54.6	−13.046−.248	10.6	4
5303	4593	7.5	42 28.22	+2.2126+.0031	−40 17 11.8	−13.050−.239	10.3	4
5304	6423	8.1	42 35.24	+2.5714+.0021	−26 17 54.4	−13.058−.279	10.4	4
5305	4512	8.0	42 49.62	+2.0247+.0023	−45 57 53.5	−13.074−.218	9.9	4
5306	6734	7.6	42 49.76	+2.5010+.0026	−29 25 42.3	−13.074−.271	10.1	4
5307	6735	7.2	42 51.06	+2.5018+.0026	−29 23 53.3	−13.075−.271	10.1	4
5308	536	7.4	42 55.93	−0.5261−.0960	−74 16 58.9	−13.081+.064	10.2	5
5309	1202[1]	7.3	42 56.99	+1.4269−.0061	−58 23 42.4	−13.082−.152	10.0	4
5310	1202[2]	6.9	42 57.54	+1.4269−.0061	−58 23 44.0	−13.082−.152	10.0	4
5311	4517	4.1	42 58.55	+2.0345+.0024	−45 42 43.2	−13.084−.219	10.2	8
5312	990	6.2	43 3.37	+0.5817−.0333	−67 53 3.1	−13.089−.059	10.4	4
5313	4605	8.7	43 4.40	+2.1474+.0029	−42 25 44.0	−13.090−.231	10.1	4
5314	4602	6.1	43 5.88	+2.1991+.0031	−40 47 43.6	−13.092−.237	10.1	4
5315	1640	7.6	43 6.53	+1.7469−.0005	−52 38 31.8	−13.092−.187	10.1	4
5316	5243	6.4	43 14.76	+2.3827+.0031	−34 17 33.4	−13.101−.257	10.4	4
5317	1013	6.0	43 15.15	+0.8532−.0227	−65 29 57.6	−13.102−.088	10.3	4
5318	4610	7.1	43 19.13	+2.1545+.0030	−42 14 9.6	−13.106−.232	10.2	4
5319	1727	6.8	43 20.74	+1.5999−.0028	−55 31 39.6	−13.108−.171	10.6	4
5320	4611	8.6	43 21.11	+2.1473+.0029	−42 27 37.6	−13.108−.231	10.1	4
5321	4337	6.8	43 21.20	+1.9799+.0020	−47 13 11.5	−13.109−.213	10.2	4
5322	4773	6.9	43 22.34	+2.2368+.0032	−39 34 39.2	−13.110−.241	10.4	4
5323	4526	5.5	43 26.82	+2.0411+.0024	−45 34 55.9	−13.115−.219	10.0	4
5324	1806	6.5	43 30.08	+1.6490−.0020	−54 37 50.0	−13.118−.176	10.1	4
5325	5255	6.5*	43 49.28	+2.3848+.0031	−34 16 10.3	−13.140−.257	10.1	5
5326	340	8.4	43 51.59	−2.2921−.2616	−79 20 48.8	−13.142+.258	10.2	4
5327	5255	10.2	43 51.98	+2.3847+.0031	−34 16 39.5	−13.142−.257	10.3	4
5328	4617	9.0	43 54.74	+2.1522+.0030	−42 22 18.8	−13.146−.231	10.1	4
5329	4818	6.8	43 58.84	+2.0728+.0026	−44 44 37.0	−13.150−.222	10.0	4
5330	4788	7.5	44 0.18	+2.2420+.0032	−39 28 6.6	−13.152−.241	10.1	4
5331	4502	7.3	44 11.61	+2.1612+.0030	−42 7 15.9	−13.164−.232	10.2	4
5332	5728	6.9	44 13.75	+2.4164+.0030	−33 3 58.0	−13.166−.260	10.1	4
5333	4624	8.3	44 14.14	+2.1512+.0030	−42 26 13.1	−13.167−.231	10.1	4
5334	4541	5.8	44 15.58	+2.0355+.0024	−45 49 25.7	−13.168−.218	10.2	4
5335	4879	6.6	44 16.30	+2.2665+.0032	−38 39 36.1	−13.169−.243	10.0	4
5336	4883	6.9	44 19.75	+2.2681+.0032	−38 36 34.1*	−13.173−.244	10.2	4,3
5337	1865	4.6	44 22.93	+1.5544−.0036	−56 26 19.1	−13.176−.165	10.2	4
5338	4507	6.5	44 23.84	+2.1847+.0031	−41 23 56.6	−13.178−.234	10.4	4
5339	3217	8.3	44 24.33	+1.8000+.0002	−51 38 37.2	−13.178−.192	11.0	1
5340	372	5.6	44 24.40*	−1.9385−.2234	−78 38 13.2*	−13.178+.219	10.0	15
5341	4547	7.6	44 25.62	+2.0254+.0024	−46 7 9.2	−13.180−.217	10.1	4
5342	6562	6.8	44 26.88	+2.5302+.0025	−28 18 21.2	−13.181−.272	10.2	4
5343	3221	7.8	44 32.79	+1.8031+.0003	−51 35 19.8	−13.187−.192	10.1	4
5344	4636	8.0	44 38.16	+2.1597+.0030	−42 12 58.8	−13.193−.231	10.3	4
5345	4638	7.1	44 42.07	+2.1338+.0030	−43 1 20.4	−13.198−.228	10.3	4
5346	528	7.6	44 43.55	−0.4290−.0906	−73 58 23.9	−13.199+.053	10.6	4
5347	538	8.2	44 52.30	−1.2098−.1526	−76 47 21.4	−13.209+.138	10.4	4
5348	375	7.7	44 52.41	−1.9679−.2275	−78 43 15.7	−13.209+.221	10.4	4
5349	4516	6.2	44 54.06	+2.1633+.0031	−42 7 50.7	−13.211−.232	10.1	5
5350	1095	7.2	45 3.86	+1.1130−.0143	−62 51 31.7	−13.221−.116	10.1	4

5340 S.P. $24^s.40$, $13''.0$, 10.1, 11. 5336 ($47''.6$).

No.	Name	Mag.	R. A. 1910	Prec. and Sec. Var.	Decl. 1910	Prec. and Sec. Var.	Epoch.	No. Obs.
		M	h m s	s s	° ′ ″	″ ″		
5351	3824	6.8	8 45 9.35	+1.9075+.0014	−49 14 24.3	−13.228−.203	10.1	4
5352	4523	7.4	45 15.77	+2.1666+.0031	−42 4 1.6	−13.235−.232	10.0	4
5353	4907	7.0	45 19.38	+2.2628+.0033	−38 54 4.8	−13.238−.242	10.2	4
5354	1675	6.4	45 21.71	+1.7641−.0002	−52 31 2.7	−13.241−.187	10.2	4
5355	539	8.2	45 29.19	−1.1766−.1504	−76 43 11.4	−13.249+.134	10.2	4
5356	4909	7.0	45 29.90	+2.2709+.0033	−38 38 11.1	−13.250−.243	10.0	4
5357	538	6.6	45 34.94	−0.5321−.0986	−74 27 27.0	−13.256+.064	10.4	4
5358	6855	7.6	45 44.59	+2.4800+.0028	−30 35 54.0	−13.266−.265	10.1	4
5359	4830	7.7*	45 44.62	+2.2430+.0033	−39 37 23.4	−13.266−.239	10.1	4
5360	1917	6.3	46 0.78	+3.3536−.0113	+15 41 5.8	−13.284−.360	9.5	4
5361	1834	7.6	46 1.38	+1.6371−.0021	−55 6 54.7	−13.284−.173	10.1	4
5362	4676	7.6	46 8.73	+2.1385+.0030	−43 2 9.0	−13.292−.228	9.8	4
5363	5770	5.2	46 12.09	+2.4367+.0031	−32 26 38.0	−13.296−.260	10.1	4
5364	6600	6.0	46 15.83	+2.5154+.0027	−29 7 39.3	−13.300−.269	10.2	14
5365	4838	5.4	46 18.05	+2.2341+.0033	−39 59 5.4	−13.303−.238	9.9	4
5366	378	6.1	46 18.36*	−1.9491−.2283	−78 44 26.1*	−13.303+.218	9.8	8
5367	4684	7.6	46 26.09	+2.1573+.0031	−42 29 17.6	−13.311−.229	10.1	4
5368	4925	6.3	46 28.48	+2.2690+.0034	−38 48 25.1	−13.314−.242	10.0	8
5369	6827	7.5	46 30.71	+2.4939+.0028	−30 4 50.4	−13.316−.266	10.1	4
5370	5479	8.3	46 32.81	+2.4015+.0032	−33 53 38.1	−13.319−.256	10.2	4
5371	6610	6.0	46 33.50	+2.5352+.0026	−28 16 53.6	−13.319−.270	10.2	4
5372	4861	5.0	46 40.81	+2.0752+.0028	−44 58 21.0	−13.327−.220	10.1	4
5373	5986	4.2	46 42.67*	+2.5557+.0024	−27 22 32.7*	−13.329−.272	10.3	9,10
5374	4554	7.8	46 49.05	+2.1814+.0032	−41 46 13.8	−13.336−.232	10.1	4
5375	5098	6.9*	46 51.03	+2.3584+.0033	−35 35 39.4	−13.338−.251	10.1	4
5376	946	7.4	47 0.40	+0.9251−.0207	−65 5 44.5	−13.349−.095	10.1	4
5377	4560	6.1	47 4.48	+2.1828+.0032	−41 45 12.1	−13.353−.232	9.9	4
5378	1921	9.7	47 4.80	+1.7090−.0010	−53 50 3.8	−13.353−.180	10.0	4
5379	4875	7.5	47 10.24	+2.0973+.0029	−44 23 5.9	−13.359−.222	10.1	4
5380	4701	7.5	47 17.60	+2.1446+.0031	−42 58 33.0	−13.367−.227	10.0	4
5381	544	6.9	47 28.31	−1.1513−.1508	−76 44 30.7	−13.379+.131	10.0	4
5382	5495	7.9	47 28.98	+2.3992+.0033	−34 4 58.1	−13.380−.255	10.1	4
5383	845	8.5	47 29.63	+0.5680−.0352	−68 19 49.8	−13.380−.056	10.1	4
5384	4661	4.9	47 30.22	+2.0352+.0026	−46 11 32.2	−13.381−.215	9.9	4
5385	3267	7.5	47 42.58	+1.8199+.0006	−51 33 36.2	−13.394−.192	10.1	4
5386	4945	6.9*	47 47.94	+2.2877+.0034	−38 17 43.9	−13.400−.242	10.1	4
5387	827	7.9	47 48.83	+0.1891−.0542	−70 58 53.8	−13.401−.015	10.2	4
5388	847	10.0	47 50.62	+0.5580−.0357	−68 26 7.6	−13.403−.055	10.2	4
5389	1105	7.0	47 58.01	+1.1360−.0139	−62 50 43.5	−13.411−.117	9.9	4
5390	6008	7.6	48 8.32	+2.5601+.0025	−27 18 10.9	−13.422−.271	10.0	4
5391	4723	6.3	48 12.30	+2.1738+.0033	−42 10 0.0	−13.427−.230	9.9	4
5392	1943	8.3	48 12.61	+1.7179−.0008	−53 46 30.9	−13.427−.180	10.0	4
5393	4728	8.0	48 22.66	+2.1459+.0032	−43 3 28.6	−13.438−.226	10.0	4
5394	4685	6.6	48 35.55	+2.2218+.0034	−40 38 51.3	−13.452−.234	9.8	4
5395	4711	6.7	48 39.02	+2.1222+.0031	−43 48 44.0	−13.456−.224	10.1	4
5396	850	9.4	48 39.26	+0.5980−.0341	−68 10 59.7	−13.456−.059	10.1	4
5397	1907	5.6	48 45.37	+3.6656−.0215	+30 55 14.4	−13.462−.390	10.0	8
5398	5814	6.5	48 45.58	+2.4497+.0032	−32 10 10.4	−13.463−.259	10.1	4
5399	5125	6.5	49 7.25	+2.3487+.0035	−36 12 19.0	−13.486−.248	10.0	4
5400	4741	9.0	49 13.04	+2.1696+.0033	−42 24 42.4	−13.492−.228	10.0	4

5366S.P. 18.35, 25.9, 98, 6.

5373 (42.86), 34.4 included.

No.	Name	Mag.	R. A. 1910	Prec. and Sec. Var.	Decl. 1910	Prec. and Sec. Var.	Epoch.	No. Obs.
		M	h m s	s s	° ′ ″	″ ″		
5401	352	5.8	8 49 15.16*	-2.0941-.2507	-79 10 17.8*	-13.495+.232	9.9	8
5402	1815	6.7	49 18.52	+1.6366-.0021	-55 28 11.4	-13.498-.171	10.1	4
5403	1759	5.7	49 18.81	+1.5339-.0040	-57 17 40.8	-13.498-.160	10.1	4
5404	4693	7.6	49 21.19	+2.2246+.0035	-40 38 35.2	-13.501-.234	10.1	4
5405	1759	5.8	49 21.81	+2.2900+.0035	-38 23 3.3	-13.502-.241	9.8	4
5406	927	5.4	49 22.02*	+0.8054-.0256	-66 27 24.8*	-13.502-.081	9.9	8
5407	4695	8.0	49 28.52	+2.2115+.0035	-41 5 24.1	-13.509-.232	10.1	4
5408	1224	7.2	49 34.63	+1.2900-.0097	-61 1 38.1	-13.516-.133	10.2	4
5409	4460	6.1	49 40.81	+1.9761+.0023	-48 1 7.0	-13.522-.207	10.1	4
5410	4727	8.4	49 41.21	+2.1216+.0032	-43 56 46.8	-13.523-.222	10.0	4
5411	4707	6.8	49 46.48	+2.0130+.0026	-47 3 12.1	-13.528-.211	10.1	4
5412	1226	7.7	49 48.75	+1.2878-.0098	-61 4 47.8	-13.531-.133	10.2	3
5413	747	6.1	49 53.11	-0.0001-.0662	-72 12 47.0	-13.536+.006	10.7	4,3
5414	1890	6.9	49 55.05	+1.6648-.0016	-55 0 5.2	-13.538-.173	10.2	4
5415	1820	7.4	49 56.38	+1.6168-.0024	-55 54 6.8	-13.539-.168	10.4	4
5416	3303	6.6*	49 57.08	+1.8207+.0007	-51 47 18.5	-13.540-.190	10.2	4
5417	4735	7.5	50 11.24	+2.1220+.0032	-43 59 29.5	-13.555-.222	10.0	4
5418	1005	9.0	50 21.44	+0.6218-.0335	-68 7 33.7	-13.566-.061	10.1	4
5419	6677	7.3*	50 28.37	+2.4624+.0032	-31 48 50.2	-13.573-.258	10.1	4
5420	4924	6.5	50 28.68	+2.2442+.0036	-40 6 19.9	-13.574-.235	10.1	4
5421	2060	3.3	50 38.23*	+3.1808-.0071	+ 6 17 18.9*	-13.584-.335	10.2	43,70
5422	1918	6.0	50 40.24	+1.5986-.0028	-56 18 31.7	-13.586-.166	10.1	4
5423	4762	7.2	50 44.01	+2.1835+.0035	-42 8 36.4	-13.590-.228	10.1	4
5424	4480	5.3	50 49.37	+2.0128+.0026	-47 10 40.4	-13.596-.210	10.1	4
5425	855	10.0	50 56.93	+0.5879-.0352	-68 26 36.7	-13.604-.057	10.2	4
5426	4751	6.8	50 58.95	+2.1523+.0034	-43 9 22.4	-13.606-.225	10.1	4
5427	1922	7.3	51 2.57	+1.6081-.0026	-56 10 39.9	-13.610-.166	10.1	4
5428	3326	7.8	51 21.37	+1.8469+.0010	-51 21 24.0	-13.630-.192	10.1	4
5429	5565	7.3	51 23.89	+2.4167+.0034	-33 47 52.3	-13.633-.252	9.9	4
5430	859	8.2	51 26.52	+0.5993-.0348	-68 23 32.0	-13.636-.058	9.9	4
5431	542	8.8	51 30.21	-0.2864-.0859	-73 44 41.9	-13.640+.036	10.2	4
5432	6072	4.9	51 39.89	+2.5666+.0026	-27 20 6.4	-13.650-.268	10.5	4
5433	1174	6.0	51 45.17	+1.3772-.0076	-60 0 40.2	-13.656-.141	10.0	4
5434	5869	7.0	51 45.99	+2.4358+.0034	-33 3 27.0	-13.656-.254	10.1	4
5435	7902	6.5	51 57.78	+2.6480+.0020	-23 28 28.0	-13.669-.276	10.0	4
5436	976	7.6	52 9.42	+0.4617-.0416	-69 29 17.6	-13.681-.043	10.1	4
5437	4951	6.3	52 9.61	+2.1060+.0033	-44 41 50.2	-13.682-.218	9.9	4
5438	5577	7.5	52 10.37	+2.4156+.0035	-33 55 26.8	-13.682-.252	10.0	4
5439	1922	7.2*	52 26.57	+1.7120-.0008	-54 21 19.5	-13.700-.176	10.1	4
5440	1790	6.3	52 37.72	+1.5187-.0044	-57 53 43.6	-13.712-.156	10.1	4
5441	1925	5.7	52 38.56	+1.6999-.0010	-54 37 7.0	-13.712-.175	10.0	5
5442	6735	7.5	52 40.66	+2.5323+.0029	-28 59 57.1	-13.715-.263	9.9	4
5443	5192	6.8	52 49.98	+2.3445+.0037	-36 46 34.8	-13.724-.243	9.9	8
5444	1243	4.0	53 0.55	+1.3660-.0079	-60 18 2.1	-13.736-.139	10.0	8
5445	3354	7.4	53 2.62	+1.8603+.0013	-51 14 28.6	-13.738-.192	10.1	4
5446	1707	3.1	53 3.05	+4.1685-.0446	+48 23 44.3	-13.738-.437	10.3	22
5447	1948	4.3	53 34.00	+3.2826-.0098	+12 12 23.8	-13.771-.342	10.0	20,38
5448	1248	7.8	53 34.50	+1.3307-.0088	-60 51 35.4	-13.772-.135	10.0	4
5449	1788	4.8	53 36.22	+1.8127+.0007	-52 22 37.9	-13.774-.186	9.8	4
5450	1852	7.9	53 40.26	+1.6777-.0013	-55 9 49.2	-13.778-.172	10.1	4

5401 S.P. $15^s.26$, $18''.3$, 9.7, 4.

5406 S.P. $22^s.06$, $24''.9$, 9.9, 5.

5421 $38^s.35$, $17''.1$ included.

No.	Name	Mag.	R. A. 1910	Prec. and Sec. Var.	Decl. 1910	Prec. and Sec. Var.	Epoch.	No. Obs.
		M	h m s	s s	° ′ ″	″ ″		
5451	1853	8.5	8 53 40.49	+1.6768−.0013	−55 10 55.3	−13.778−.172	10.1	4
5452	6105	7.4	53 41.26	+2.5701+.0027	−27 22 5.0	−13.779−.266	10.1	4
5453	1998[1]	9.6	53 45.32	+1.7634+.0000	−53 27 7.5	−13.783−.181	10.1	4
5454	1998[2]	9.2	53 46.11	+1.7634+.0000	−53 27 17.0	−13.784−.181	10.1	4
5455	4806	9.2	53 48.42	+2.1705+.0036	−42 54 56.7	−13.786−.224	10.1	4
5456	4808	7.5	53 52.05*	+2.1709+.0036	−42 54 32.1	−13.790−.224	10.2	5
5457	4809	10.1	53 52.20	+2.1713+.0036	−42 53 49.0	−13.790−.224	10.2	3
5458	3994	7.1	54 3.49	+1.9444+.0022	−49 20 1.3	−13.802−.200	9.8	4
5459	4794	7.4	54 15.64	+2.1401+.0036	−43 55 3.3	−13.815−.220	10.1	4
5460	3704	7.9	54 18.96	+1.8887+.0016	−50 43 23.1	−13.819−.194	9.9	4
5461	3710	7.4	54 37.47	+1.9037+.0018	−50 24 4.2	−13.838−.195	10.4	4
5462	550	7.4	54 43.13	−0.4221−.0982	−74 32 24.2	−13.844+.050	10.4	4
5463	1301	5.1	54 46.29	+1.4718−.0054	−58 52 53.6	−13.848−.149	10.1	20
5464	1956	4.1	54 48.09	+3.9467−.0343	+42 8 23.0	−13.850−.410	10.2	17
5465		7.5	54 51.37	+1.4726−.0054	−58 52 42.8	−13.853−.149	9.6	4
5466	1138	7.3	54 55.03	+1.2014−.0126	−62 42 3.5	−13.857−.121	10.0	4
5467	4282	5.9	54 56.36	+1.9916+.0027	−48 13 27.7	−13.858−.204	10.0	4
5468	1069	7.0	54 56.88	+1.1612−.0138	−63 11 51.9	−13.859−.116	10.2	4
5469	547	8.4	55 3.00	−0.2276−.0843	−73 41 50.9	−13.865+.030	10.4	4
5470	6760	7.6	55 3.82	+2.4784+.0034	−31 36 57.5	−13.866−.255	10.0	4
5471	6793	6.4	55 26.42	+2.5503+.0030	−28 27 22.7	−13.890−.262	10.0	4
5472	4017	7.6	55 37.19	+1.9290+.0022	−49 54 2.5	−13.901−.197	10.0	4
5473	3727	7.8*	55 39.39	+1.9064+.0019	−50 27 28.7	−13.904−.194	10.0	4
5474	4810	5.2	55 48.91	+2.0449+.0031	−46 53 9.1	−13.914−.209	9.7	4
5475	6141	6.8	55 51.34	+2.5726+.0028	−27 27 50.5	−13.916−.264	10.1	4
5476	2467	7.2	55 53.14	+2.6772+.0019	−22 20 28.7	−13.918−.275	10.1	4
5477	1056[1]	7.2	55 58.98	+0.9277−.0220	−65 51 20.8	−13.924−.091	10.0	4
5478	1056[2]	10.1	56 0.04	+0.9277−.0220	−65 51 29.6	−13.925−.091	10.1	4
5479	4803	8.0	56 3.38	+2.2442+.0040	−40 45 28.8	−13.929−.229	9.9	1
5480	1319	7.9	56 5.03	+1.4830−.0051	−58 50 38.4	−13.930−.150	9.8	4
5481	3737	9.2	56 16.78	+1.9142+.0020	−50 20 37.5	−13.943−.194	10.0	4
5482	1952	7.5	56 19.49	+1.7373−.0003	−54 17 1.5	−13.946−.176	10.1	4
5483	4571	7.2	56 21.41	+2.0087+.0029	−47 56 23.4	−13.948−.204	10.2	4
5484	990	8.0	56 36.14	+0.5359−.0394	−69 17 33.3	−13.963−.050	10.2	4
5485	843	7.2	56 40.03	+0.3401−.0496	−70 40 2.6	−13.967−.030	10.2	4
5486	3744	8.2	56 42.69	+1.9093+.0020	−50 30 47.0	−13.970−.194	10.0	4
5487	4810	4.4	56 43.76	+2.2423+.0040	−40 54 10.8	−13.971−.228	10.3	21
5488	3747	10.3	56 53.22	+1.8843+.0017	−51 7 48.5	−13.981−.191	10.1	4
5489	7983	7.0	56 54.84	+2.6501+.0022	−23 48 4.4	−13.983−.271	10.5	4
5490	3409	7.4	56 56.11	+1.8836+.0017	−51 9 10.7	−13.984−.191	10.1	4
5491	4042	7.4	57 4.38	+1.9636+.0026	−49 12 21.7	−13.992−.199	10.3	4
5492	4875	6.1	57 5.46	+2.1858+.0039	−42 49 17.0	−13.994−.222	10.1	4
5493	2032	7.4	57 5.94	+1.7611+.0001	−53 53 4.4	−13.994−.178	10.2	4
5494	978	7.0	57 8.15	+1.0953−.0162	−64 10 45.6	−13.996−.108	10.2	4
5495	1327	5.2	57 11.71	+1.4970−.0048	−58 44 20.2	−14.000−.150	9.6	9
5496	5360	7.3*	57 12.88	+2.3235+.0040	−38 4 0.6	−14.001−.236	10.2	4
5497	548	7.0	57 14.97	−0.1708−.0819	−73 34 21.2	−14.003+.024	10.4	5
5498	6647	6.4	57 17.13	+2.5998+.0027	−26 18 33.5	−14.006−.265	10.2	4
5499	1333	8.3	57 21.73	+1.5012−.0048	−58 41 19.5	−14.011−.150	10.1	4
5500	1633	3.7	57 29.17	+4.1155−.0434	+47 30 46.4	−14.018−.423	10.3	12

5456 $52^{s}.00$, $51^{s}.95$, $51^{s}.99$, $52^{s}.09$, $52^{s}.20$.

No.	Name	Mag.	R. A. 1910	Prec. and Sec. Var.	Decl. 1910	Prec. and Sec. Var.	Epoch.	No. Obs.
		M	h m s	s s	° ′ ″	″ ″		
5501	1145	7.1	8 57 34.54	+1.1890−.0132	−63 6 54.9	−14.024−.118	10.1	4
5502	7646	7.7	57 47.05	+2.6260+.0025	−25 4 45.8	−14.037−.267	10.0	4
5503	3420	6.7	57 48.28	+1.8859+.0018	−51 12 8.3	−14.038−.190	10.1	4
5504	1018	6.8	57 50.91	+0.7367−.0303	−67 47 15.0	−14.041−.071	10.1	4
5505	1962	8.0	57 51.10	+1.6068−.0025	−56 56 45.0	−14.041−.161	9.9	4
5506	1963	8.4	57 52.92	+1.5979−.0027	−57 6 27.6	−14.043−.160	10.1	4
5507	6661	7.2	57 56.35	+2.6030+.0027	−26 13 0.0	−14.047−.265	10.1	4
5508	4050	8.1	58 0.18	+1.9332+.0023	−50 4 57.9	−14.051−.195	10.0	4
5509	4720	5.5	58 0.22	+2.2289+.0041	−41 30 38.4	−14.051−.226	9.7	4
5510	2050	8.1	58 2.97	+1.7604+.0001	−54 0 33.8	−14.053−.177	10.1	4
5511	3761	8.8*	58 9.55	+1.9309+.0023	−50 9 36.0	−14.060−.195	10.0	4
5512	4057	7.7	58 34.28	+1.9700+.0027	−49 13 29.2	−14.086−.198	10.1	4
5513	5154	6.3	58 39.42	+2.3015+.0042	−39 2 53.0	−14.091−.233	10.1	4
5514	1283	5.8	58 41.48	+1.3852−.0076	−60 36 36.4	−14.094−.138	10.2	4
5515	4838	6.8	58 42.45	+2.2695+.0042	−40 11 59.6	−14.094−.229	10.1	4
5516	1021	7.4	58 48.59	+0.7519−.0299	−67 44 23.6	−14.101−.072	10.1	4
5517	3430	5.4	58 56.83	+1.8647+.0016	−51 50 2.4	−14.109−.187	10.1	4
5518	6835	7.0*	59 8.77	+2.4779+.0037	−32 5 2.7	−14.122−.250	10.1	4
5519	6829	6.7	59 12.28	+2.6274+.0026	−25 8 52.5	−14.125−.266	10.1	4
5520	4906	7.2	59 16.66	+2.2084+.0041	−42 21 3.8	−14.130−.222	10.1	4
5521	5698	6.7	59 35.37	+2.4520+.0039	−33 14 39.0	−14.149−.247	9.7	4
5522	5699	8.6	59 35.87	+2.4519+.0039	−33 14 51.5	−14.150−.247	9.7	4
5523	1982	7.8	59 48.67	+1.7380−.0002	−54 40 28.3	−14.163−.173	10.0	4
5524	5705	8.0	59 57.84	+2.4508+.0039	−33 20 13.9	−14.172−.247	10.0	4
5525	879	5.8	9 0 7.05	+0.6957−.0327	−68 19 42.4	−14.182−.066	9.9	4
5526	4075	6.9	0 12.88	+1.9734+.0028	−49 20 24.4	−14.188−.197	10.0	4
5527	2072	6.5*	0 22.41	+1.8117+.0010	−53 11 36.2	−14.198−.180	10.0	4
5528	4870	8.1	0 24.45	+2.0593+.0035	−47 2 48.9	−14.200−.206	9.9	4
5529	550	7.0	0 30.78	−0.2255−.0881	−74 2 43.4	−14.206+.029	10.1	4
5530	4080	8.4	0 31.91	+1.9730+.0028	−49 23 19.7	−14.208−.197	10.0	4
5531	2200	4.7	0 48.53	+3.8300−.0304	+38 48 44.9	−14.225−.387	10.1	19
5532	554	8.2	0 57.92	−0.5324−.1125	−75 22 13.9	−14.234+.061	10.1	4
5533	4882	6.6	1 0.25	+2.0607+.0036	−47 4 59.7	−14.237−.205	9.8	4
5534	1065	4.2	1 1.73*	+0.9560−.0218	−66 2 11.9*	−14.238−.092	10.3	26
5535	4883	3.7	1 3.01	+2.0730+.0037	−46 44 20.9	−14.240−.207	10.1	8
5536	1167	7.6	1 15.22	+1.3054−.0099	−61 59 42.9	−14.252−.128	10.1	4
5537	6899	6.7*	1 16.37	+2.5589+.0033	−28 39 31.7	−14.253−.256	10.0	4
5538	1904	7.4	1 41.31	+1.8654+.0017	−52 9 1.5	−14.279−.185	10.0	4
5539	4892	7.0	1 42.48	+2.0856+.0038	−46 27 26.8	−14.280−.207	10.1	4
5540	1922	9.2	1 59.84	+1.6847−.0010	−55 58 56.3	−14.298−.166	9.9	4
5541	1924	7.4	2 1.37	+1.6849−.0010	−55 58 54.0	−14.299−.166	9.9	4
5542	993	7.3	2 9.13	+1.1252−.0157	−64 19 35.3	−14.307−.109	10.1	4
5543	1305	8.0	2 9.49	+1.4376−.0063	−60 12 25.6	−14.307−.141	10.1	4
5544	1859	6.5*	2 23.96	+1.6052−.0025	−57 29 35.2	−14.322−.158	10.1	4
5545	4111	7.4	2 33.93	+1.9619+.0029	−49 55 35.1	−14.332−.194	10.1	4
5546	858	6.9	2 38.13	+0.4713−.0448	−70 14 50.9	−14.337−.042	10.2	4
5547	1030	8.3	2 39.58	+0.8440−.0267	−67 15 44.2	−14.338−.080	10.2	4
5548	4114	7.8	2 45.24	+1.9684+.0029	−49 47 1.8	−14.344−.194	10.1	4
5549	1984	5.1	2 52.42	+3.2544−.0094	+11 1 51.2	−14.351−.325	10.2	44,75
5550	1172	7.5	3 16.59	+1.3595−.0084	−61 28 0.4	−14.376−.132	10.1	4

5534S.P. 1.77, 12.3, 10.3, 8; 8.3, 15.3 included.

No.	Name	Mag.	R. A. 1910	Prec. and Sec. Var.	Decl. 1910	Prec. and Sec. Var.	Epoch.	No. Obs.
		M	h m s	s s	° ′ ″	″ ″		
5551	4968	7.4	9 3 20.23	+2.2001+.0044	-43 8 4.1	-14.380-.217	10.0	4
5552	4662	8.0	3 29.55	+2.0550+.0037	-47 33 27.6	-14.389-.202	9.9	4
5553	5601	8.0	3 32.28	+2.4413+.0042	-34 9 26.7	-14.392-.242	10.1	4
5554	7143	7.5	3 39.95	+2.5418+.0036	-29 43 15.4	-14.400-.252	10.1	4
5555	1937	7.4	3 54.37	+1.8766+.0020	-52 10 2.0	-14.414-.184	10.1	4
5556	1957	6.2	3 58.93	+1.7247-.0002	-55 26 24.8	-14.419-.168	10.1	4
5557	1386	7.7	4 4.36	+1.5375-.0040	-58 50 38.4	-14.424-.150	10.1	4
5558	6895	4.8	4 5.80	+2.6300+.0029	-25 29 41.9	-14.426-.260	10.2	15
5559	2061	5.2	4 11.24	+3.4550-.0159	+22 24 36.0	-14.431-.343	10.0	6
5560	3849	6.5	4 20.61*	+1.9341+.0027	-50 50 55.3	-14.441-.189	10.0	4
5561	1093	6.4	4 23.46	+1.1608-.0147	-64 8 16.7	-14.444-.111	9.9	4
5562	5150	7.0	4 27.12	+2.1694+.0044	-44 16 8.2	-14.447-.213	10.1	4
5563	5384	7.5*	4 33.35	+2.3749+.0045	-36 59 41.9	-14.454-.234	10.1	4
5564	1272	7.4	4 38.81	+1.4758-.0054	-59 53 54.2	-14.459-.143	10.1	4
5565	4990	2.2	4 41.07	+2.2074+.0045	-43 4 7.9	-14.461-.217	10.2	23,22
5566	6905	6.8	4 41.85	+2.6316+.0029	-25 28 29.5	-14.462-.260	10.1	4
5567	6766	6.2	4 48.54	+2.6133+.0031	-26 24 11.6	-14.469-.258	9.9	4
5568	1168	7.3	4 48.99	+1.2968-.0103	-62 29 12.0	-14.469-.125	9.9	4
5569	2010	6.6	4 51.14	+1.6430-.0017	-57 6 2.6	-14.472-.160	10.2	4
5570	861	4.9	4 54.60*	+0.5079-.0436	-70 10 34.2*	-14.475-.045	10.0	8
5571	779	4.5	4 54.95*	+0.1861-.0626	-72 14 25.6*	-14.475-.013	10.1	8
5572	1009	8.4	4 57.11	+0.6375-.0368	-69 12 45.4	-14.478-.058	10.2	4
5573	4142	8.0	5 0.03	+1.9667+.0031	-50 6 53.0	-14.481-.192	10.1	4
5574	1390	8.0	5 5.02	+1.5480-.0037	-58 47 10.5	-14.486-.150	10.1	4
5575	2150	8.5	5 20.78	+1.8059+.0011	-53 55 42.5	-14.502-.176	10.1	4
5576	1393	7.5	5 21.01	+1.5478-.0037	-58 49 14.7	-14.502-.150	10.1	4
5577	1171	8.8	5 26.72	+1.2908-.0105	-62 37 57.6	-14.507-.124	10.1	4
5578	1885	6.9	5 40.84	+1.6115-.0023	-57 46 0.3	-14.522-.156	10.1	4
5579	7185	6.8	5 44.62	+2.5525+.0037	-29 27 4.9	-14.525-.250	9.8	4
5580	1038	9.4	5 45.42	+0.7786-.0302	-68 7 32.9	-14.526-.072	10.1	4
5581	1173	9.2	5 47.00	+1.3014-.0102	-62 31 47.6	-14.528-.124	10.1	4
5582	6918	7.2*	5 48.58	+2.6346+.0029	-25 26 13.7	-14.529-.258	10.3	3
5583	4458	8.5	5 51.32	+2.0164+.0036	-48 55 28.7	-14.532-.196	10.0	4
5584	2162	7.5	5 57.63	+1.8059+.0011	-54 0 18.3	-14.538-.175	10.1	4
5585	7194	5.6	6 7.49	+2.5418+.0038	-29 59 51.3	-14.548-.249	10.1	15
5586	2164	6.9	6 7.57	+1.8423+.0017	-53 13 39.6	-14.548-.179	10.1	4
5587	4971	8.9	6 8.64	+2.2824+.0048	-40 40 46.2	-14.550-.223	10.1	4
5588	2512	6.6	6 21.31	+2.6863+.0024	-22 48 35.5	-14.562-.263	10.1	4
5589	6930	7.3	6 32.11	+2.6265+.0030	-25 55 10.9	-14.573-.257	10.1	4
5590	896	7.5	6 33.00	+0.7562-.0315	-68 23 23.2	-14.574-.070	10.0	4
5591	3542	9.3	6 35.74	+1.9028+.0025	-51 53 35.9	-14.577-.184	10.2	4
5592	4471	6.6*	6 43.42	+2.0157+.0036	-49 3 24.3	-14.584-.195	10.2	5
5593	4968	6.9	6 45.04	+2.0857+.0041	-47 6 33.8	-14.586-.202	10.1	4
5594	897	9.2	6 51.71	+0.7860-.0301	-68 9 44.5	-14.593-.072	10.2	4
5595	563	8.0	6 53.99	-0.2063-.0915	-74 23 22.9	-14.595+.027	10.1	4
5596	1404	7.4	6 55.62	+1.5538-.0036	-58 54 15.3	-14.596-.148	10.0	4
5597	4969	9.0	7 3.82	+2.0989+.0043	-46 45 52.4	-14.605-.203	10.0	4
5598	4479	7.2	7 4.03	+2.0224+.0037	-48 55 20.9	-14.605-.196	10.1	4
5599	3553	6.3	7 5.68	+1.9129+.0026	-51 43 1.0	-14.607-.185	10.1	4
5600	568	7.8	7 14.72	-0.6518-.1293	-76 12 7.7	-14.616+.071	10.2	4

5570S.P. $54^s.74$, $34''.6$, 10.2, 5.

5571S.P. $54^s.95$, $25''.4$, 10.4, 4.

5560 $20^s.60$, $20^s.79$, $20^s.50$, $20^s.55$.

No.	Name	Mag.	R. A. 1910	Prec. and Sec. Var.	Decl. 1910	Prec. and Sec. Var.	Epoch.	No. Obs.
		M	h m s	s s	° ′ ″	″ ″		
5601	5342	8.8	9 7 19.48	+2.3519+.0048	−38 14 38.9	−14.620−.228	10.0	4
5602	5038	7.3	7 37.18*	+2.2241+.0048	−42 53 54.0	−14.638−.215	10.1	3
5603	5040	7.8	7 47.17	+2.2247+.0048	−42 54 5.4	−14.648−.215	10.1	5
5604	5206	5.0	7 48.37	+2.1761+.0047	−44 29 57.6	−14.649−.210	9.8	4
5605	1893	5.3	7 55.32	+3.9404−.0375	+43 35 21.3	−14.656−.386	10.1	18
5606	5358	6.1	8 10.50	+2.3380+.0049	−38 53 22.8	−14.671−.226	9.9	4
5607	3575	8.5	8 16.52	+1.9182+.0028	−51 44 31.5	−14.677−.184	9.9	4
5608	4987	5.9	8 22.11	+2.1233+.0045	−46 12 52.6	−14.683−.205	10.0	4
5609	6966	7.3*	8 27.50	+2.6440+.0030	−25 13 51.4	−14.688−.256	10.1	4
5610	1008	7.5	8 28.83	+1.1114−.0168	−65 7 21.2	−14.689−.104	10.1	4
5611	7019	6.8	8 29.87	+2.5772+.0037	−28 34 40.5	−14.690−.250	10.1	4
5612	1419	3.6	8 35.86	+1.5837−.0029	−58 35 53.1	−14.696−.151	10.1	8
5613	2205	6.7	8 52.43	+1.8383+.0018	−53 40 2.4	−14.713−.176	10.1	4
5614	1339	7.3	8 52.60	+1.4627−.0058	−60 35 3.1	−14.713−.139	10.1	4
5615	4935	7.1	9 0.69	+2.1502+.0047	−45 28 40.6	−14.721−.206	10.2	4
5616	1913	7.3	9 2.90	+1.6626−.0012	−57 14 56.7	−14.723−.158	10.2	4
5617	1914	6.6	9 5.05	+1.6437−.0016	−57 35 54.9	−14.725−.156	10.2	4
5618	7301	7.2*	9 8.02	+2.5343+.0041	−30 41 42.0	−14.728−.244	10.1	4
5619	5041	5.7	9 10.68	+2.2201+.0049	−43 14 34.3	−14.731−.213	10.2	4
5620	1201	4.2	9 14.09	+1.3721−.0083	−61 56 51.0	−14.734−.129	10.1	8
5621	2209	8.0	9 17.49	+1.8442+.0019	−53 35 30.2	−14.738−.176	10.1	4
5622	7239	6.5	9 30.38	+2.5648+.0039	−29 17 36.0	−14.750−.247	10.0	4
5623	2167	3.8	9 40.97	+3.1151−.0057	+ 2 41 39.8	−14.761−.301	10.2	24,31
5624	2530	7.6	9 44.55	+2.6981+.0024	−22 29 56.0	−14.764−.260	10.0	4
5625	5376	6.5	9 53.14	+2.3605+.0050	−38 14 38.7	−14.773−.226	10.1	4
5626	4904	6.1	9 55.00	+2.2620+.0051	−41 54 10.7	−14.774−.217	9.9	4
5627	183	5.4	9 55.02*	−7.9233−1.650	−85 18 15.0*	−14.775+.787	10.0	27,56
5628	904	7.3	10 16.34	+0.7377−.0333	−68 53 2.9	−14.796−.066	9.9	4
5629	2074	7.4	10 20.31	+1.8705+.0023	−53 7 58.9	−14.799−.178	10.0	4
5630	3614	8.4	10 24.48	+1.9270+.0030	−51 48 34.2	−14.804−.183	10.2	4
5631	5010	5.9	10 24.90	+2.1074+.0046	−46 57 58.7	−14.804−.201	10.1	4
5632	4525	6.5	10 26.60	+2.0462+.0042	−48 43 16.5	−14.806−.195	10.2	4
5633	2227	7.5	10 32.36	+1.8506+.0020	−53 36 40.4	−14.811−.176	10.1	4
5634	1432	5.6	10 34.26	+1.5715−.0031	−59 2 32.1	−14.813−.148	10.2	4
5635	6187	6.7*	10 35.67	+2.5060+.0044	−32 10 58.1	−14.815−.240	10.1	4
5636	1047	7.4	10 36.18	+0.9150−.0251	−67 21 2.1	−14.815−.084	10.2	4
5637	1353	6.5	10 38.04	+1.4786−.0054	−60 32 42.4	−14.817−.139	10.2	4
5638	906	7.6	10 42.06	+0.7488−.0328	−68 49 54.7	−14.821−.067	9.9	4
5639	5068	5.9	10 49.22	+2.2109+.0050	−43 46 22.7	−14.828−.211	10.1	4
5640	7270	7.7	10 54.88	+2.5580+.0040	−29 47 13.7	−14.833−.244	10.1	4
5641	5086	5.2	11 2.96	+2.2391+.0051	−42 51 15.5	−14.841−.213	10.1	4
5642	5504	7.2	11 7.65	+2.4299+.0049	−35 35 17.8	−14.846−.232	10.1	4
5643	7273	7.7	11 13.71	+2.5544+.0041	−29 59 35.7	−14.852−.244	10.2	4
5644	5578	6.0	11 21.71	+2.3910+.0050	−37 13 41.0	−14.860−.228	10.1	4
5645	5095	6.8	11 22.78	+2.2334+.0052	−43 5 30.9	−14.861−.212	10.1	4
5646	2544	7.7	11 35.25	+2.6900+.0027	−23 7 7.0	−14.873−.257	10.1	4
5647	2035	5.2	11 37.78	+1.7838+.0011	−55 11 47.3	−14.875−.168	9.9	4
5648	1366	7.4	11 40.62	+1.4630−.0058	−60 54 22.8	−14.878−.137	10.0	4
5649	6208	7.0	11 50.13*	+2.4925+.0046	−32 56 54.4	−14.887−.237	10.0	7,8
5650	1367	7.6	11 51.13	+1.5124−.0045	−60 9 40.7	−14.888−.141	10.1	4

5627 S.P. $54^{s}.85$, $14^{n}.8$, 9.8, 20, 40.

5602 $37^{s}.17$, $37^{s}.36$, $37^{s}.00$.

5649 ($50^{s}.37$).

No.	Name	Mag.	R. A. 1910	Prec. and Sec. Var.	Decl. 1910	Prec. and Sec. Var.	Epoch.	No. Obs.
		M	h m s	s s	° ′ ″	″ ″		
5651	4982	6.3	9 11 58.95	+2.1726+.0050	−45 10 50.3	−14.896−.206	10.1	4
5652	6415	8.1	11 59.24	+2.6004+.0037	−27 49 43.4	−14.896−.247	10.0	4
5653	6881	7.8*	12 2.66	+2.6205+.0035	−26 49 13.6	−14.900−.249	10.2	4
5654	5408	5.0	12 3.80*	+2.3692+.0052	−38 11 40.7	−14.901−.225	10.2	12,13
5655	2037	7.1	12 7.03	+1.7834+.0011	−55 15 59.3	−14.904−.168	10.1	4
5656	5505	4.7	12 8.93	+2.3982+.0051	−37 2 15.6	−14.906−.228	10.2	4
5657	1023	1.8	12 13.00*	+0.7027−.0356	−69 20 46.6*	−14.910−.062	10.3	21
5658	7084	7.2	12 14.72	+2.5874+.0039	−28 30 39.7	−14.911−.246	10.2	4
5659	5590	7.0	12 16.11	+2.3933+.0051	−37 15 14.7	−14.913−.227	10.0	4
5660	1017	7.1	12 36.80	+1.1881−.0144	−64 40 46.2	−14.933−.109	10.0	4
5661	5305	6.0	12 46.19	+2.1964+.0051	−44 31 22.0	−14.942−.207	10.1	4
5662	1949	6.1	12 49.68	+1.6465−.0014	−58 0 46.4	−14.946−.154	10.1	4
5663	302	7.8	12 56.64*	−3.2246−.4902	−81 57 15.5*	−14.952+.320	10.0	3
5664	1951	6.3*	13 2.68	+1.6918−.0005	−57 12 7.6	−14.958−.158	10.1	4
5665	5103	5.0	13 3.33	+2.2167+.0053	−43 53 21.8	−14.959−.209	10.0	4
5666	574	6.3	13 8.50	−0.5722−.1284	−76 17 18.3	−14.964+.062	10.2	4
5667	4268	9.1	13 12.01	+2.0420+.0044	−49 12 54.0	−14.967−.192	10.0	1
5668	424	8.0	13 13.06	−1.4950−.2287	−78 59 11.7	−14.968+.151	10.1	4
5669	1965	3.8	13 14.83	+3.7468−.0292	+37 11 2.3	−14.970−.357	10.2	12
5670	5430	5.4	13 25.35	+2.3528+.0053	−39 1 24.9	−14.980−.222	9.8	4
5671	5345	7.2	13 25.94	+2.3342+.0054	−39 44 24.7	−14.981−.220	10.0	4
5672	4273	7.0	13 35.94	+2.0445+.0044	−49 12 6.7	−14.990−.192	9.9	4
5673	1961	4.2	13 39.55	+1.6980−.0004	−57 9 51.4	−14.994−.158	10.1	4
5674	5319	7.0	13 40.16	+2.1968+.0053	−44 38 4.1	−14.994−.210	9.9	4
5675	1456	8.8	13 53.30	+1.6062−.0023	−58 51 26.8	−15.007−.149	10.3	1
5676	2165	6.6	13 57.59	+3.3618−.0134	+18 5 14.1	−15.011−.318	10.2	6,20
5677	3979	7.8	14 2.46	+1.9768+.0038	−51 3 40.1	−15.016−.184	9.9	4
5678	2078	7.6	14 6.88	+1.7418+.0005	−56 22 22.8	−15.020−.162	10.0	4
5679	570	7.9	14 7.05	−0.2807−.1034	−75 12 53.6	−15.020+.034	10.1	4
5680	5543	7.0	14 20.63	+2.4059+.0052	−37 1 13.4	−15.033−.226	10.0	4
5681	1465	2.2	14 40.89	+1.6096−.0022	−58 53 50.6	−15.053−.148	10.1	28
5682	5025	7.2	14 43.14	+2.1822+.0053	−45 15 27.3	−15.055−.204	10.1	4
5683	8245	8.6*	14 47.64	+2.6784+.0030	−24 4 41.5	−15.059−.251	10.1	4
5684	2281	6.3	14 55.55	+1.8541+.0024	−54 6 59.0	−15.067−.172	10.1	4
5685	1114	7.8	14 58.05	+1.3128−.0104	−63 23 49.7	−15.070−.120	10.1	4
5686	5457	6.7	14 58.92	+2.3674+.0054	−38 39 53.8	−15.070−.221	10.1	4
5687	5953	7.5*	14 59.86	+2.4845+.0049	−33 42 59.1	−15.071−.232	9.8	4
5688	4001	5.3	15 6.12	+1.9976+.0041	−50 40 19.5	−15.077−.185	9.8	4
5689	1979	3.3	15 34.54	+3.6826−.0267	+34 46 25.1	−15.104−.346	10.1	29
5690	3693	5.9	15 43.89	+1.9813+.0040	−51 10 50.4	−15.114−.183	9.8	4
5691	1061	6.7	15 46.47	+0.9745−.0234	−67 17 50.2	−15.116−.087	10.0	4
5692	2095	6.7	15 49.68	+1.7268+.0003	−56 53 36.5	−15.119−.159	10.1	4
5693	4831	7.0	15 51.72	+2.1119+.0051	−47 35 32.8	−15.121−.196	10.1	4
5694	1346	7.5	15 58.07	+1.5976−.0024	−59 16 0.4	−15.127−.146	10.1	4
5695	918	5.4	16 2.02*	+0.8686−.0283	−68 18 34.8*	−15.131−.077	9.8	8
5696	5973	6.4	16 3.93	+2.4875+.0050	−33 43 20.0	−15.133−.231	10.1	4
5697	1002	5.9	16 18.81	+1.0427−.0205	−66 40 16.8	−15.147−.093	10.0	4
5698	2080	6.9	16 29.85	+1.7766+.0012	−55 59 6.9	−15.157−.163	10.1	4
5699	7158	7.3	16 32.72	+2.5929+.0042	−28 44 40.4	−15.160−.241	9.9	4
5700	428	9.6	16 43.08	−1.1924−.1987	−78 25 26.6	−15.170+.120	10.2	4

5657S.P. 13ˢ.06, 47″.9, 10.3, 12.

5663S.P. 56ˢ.75, 14″.6, 9.5, 1.

5695S.P. 2ˢ.05, 35.9, 10.0, 10.

5654 (4ˢ.01).

5657 12ˢ.65 included.

No.	Name	Mag.	R. A. 1910	Prec. and Sec. Var.	Decl. 1910	Prec. and Sec. Var.	Epoch.	No. Obs.
		M	h m s	s s	° ′ ″	″ ″		
5701	2186	6.4	9 16 47.45	+1.8343+.0022	-54 48 19.2	-15.174-.168	10.1	4
5702	5095	7.3	16 47.51	+2.1501+.0054	-46 34 8.2	-15.174-.198	10.2	4
5703	312	7.7	16 48.72	-2.6962-.4135	-81 23 33.9	-15.175+.263	9.9	4
5704	7160	8.0	16 48.81	+2.5917+.0042	-28 50 15.6	-15.176-.240	9.8	4
5705	5668	6.1	16 52.64	+2.4100+.0055	-37 11 56.0	-15.179-.223	10.1	4
5706	7161	7.5	16 53.37	+2.6002+.0041	-28 25 17.7	-15.180-.241	10.1	4
5707	7162[1]	7.3	16 55.56	+2.5403+.0047	-31 22 41.3	-15.182-.235	10.1	4
5708	7162[2]	8.0	16 55.84	+2.5403+.0047	-31 22 40.1	-15.182-.235	10.1	4
5709	5382	6.6	16 56.21	+2.2062+.0056	-44 47 28.3	-15.183-.204	10.1	4
5710	2192	8.1	17 20.99	+1.8348+.0022	-54 52 16.5	-15.206-.168	10.1	4
5711	4850	7.5	17 22.68	+2.1328+.0053	-47 11 3.6	-15.208-.196	10.0	4
5712	5809	7.5	17 28.77	+2.4638+.0053	-34 58 28.6*	-15.214-.227	10.1	4,3
5713	7114	4.9	17 30.46	+2.6560+.0035	-25 34 55.3	-15.215-.246	10.2	21
5714	580	6.0	17 34.85*	-0.0333-.0859	-74 21 18.1*	-15.219+.010	10.2	4
5715	7464	7.8*	17 35.36	+2.5618+.0045	-30 25 23.8	-15.220-.236	10.2	5
5716	579	5.4	17 35.40*	-0.0668-.0886	-74 30 52.7*	-15.220+.013	9.8	8
5717	5075	9.9	17 45.96	+2.1845+.0056	-45 37 13.7	-15.230-.201	10.1	4
5718	289	7.8	17 48.77*	-4.3966-.7547	-83 21 56.2*	-15.232+.423	10.2	3
5719	5079	8.2	17 51.38	+2.1848+.0056	-45 37 30.3	-15.235-.200	10.1	4
5720	1005	7.5	17 58.08	+1.0226-.0216	-67 2 55.5	-15.241-.090	10.1	4
5721	1241	6.9	18 19.99	+1.4694-.0057	-61 36 36.1	-15.262-.132	10.1	4
5722	5023	5.8	18 23.41	+2.2978+.0058	-41 48 34.3	-15.265-.211	10.0	4
5723	2209	8.3	18 40.14	+1.8364+.0023	-55 1 3.1	-15.281-.167	10.1	4
5724	802	7.9	18 43.45	+0.2549-.0652	-72 56 20.9	-15.284-.018	10.1	4
5725	5514	7.4*	18 47.05	+2.3726+.0058	-38 59 43.4	-15.288-.217	10.1	4
5726	1242	4.9	18 47.20	+1.4453-.0064	-62 1 15.1	-15.288-.130	10.2	4
5727	7391	7.8	18 55.79	+2.5716+.0046	-30 8 23.5	-15.296-.236	10.1	4
5728	2115	7.3	19 1.34	+1.7671+.0012	-56 31 11.6	-15.301-.160	10.1	5
5729	5446	6.5*	19 4.20	+2.3637+.0058	-39 23 29.6	-15.304-.216	10.2	4
5730	2213	5.7	19 5.60	+1.8339+.0023	-55 7 54.6	-15.305-.166	10.2	4
5731	5099	6.0	19 6.71	+2.1893+.0058	-45 39 47.0	-15.306-.200	10.1	4
5732	1402	7.4	19 14.99	+1.5516-.0035	-60 26 45.5	-15.314-.139	10.2	4
5733	1070	8.2	19 16.08	+0.9409-.0255	-67 58 30.9	-15.315-.082	10.2	4
5734	7196	4.9	19 18.44	+2.6054+.0042	-28 26 55.2	-15.317-.238	10.4	9
5735	2219	2.6	19 19.57*	+1.8584+.0027	-54 37 33.6	-15.318-.168	10.0	17
5736	1939	4.6	19 24.99	+3.5034-.0194	+26 34 12.6	-15.323-.323	10.0	4
5737	2118	Var.	19 32.70	+1.8161+.0021	-55 34 31.6	-15.330-.164	10.1	4
5738	2347	7.9	19 35.83	+1.9155+.0035	-53 21 4.3	-15.333-.173	10.1	4
5739	6340	6.8	19 52.83	+2.5183+.0051	-32 48 51.3	-15.349-.230	10.1	4
5740	592	7.8	20 1.54	+0.2239-.0681	-73 13 15.1	-15.358-.014	10.1	4
5741	5839	6.6*	20 6.85	+2.4745+.0054	-34 51 38.2	-15.362-.225	9.9	4
5742	5721	6.5	20 7.70	+2.4169+.0058	-37 22 15.3	-15.363-.220	10.0	4
5743	2279	7.6	20 11.45	+1.9542+.0040	-52 29 57.8	-15.367-.176	10.2	4
5744	2356	6.9	20 13.51	+1.9158+.0036	-53 26 2.6	-15.369-.173	10.1	4
5745	4890	6.6	20 14.19	+2.1230+.0055	-47 54 1.8*	-15.369-.192	10.1	4
5746	5146	6.6	20 24.51	+2.1685+.0058	-46 31 19.3	-15.379-.196	9.9	4
5747	503	8.3	20 38.28	-0.7146-.1515	-77 15 39.6	-15.392+.073	10.1	4
5748	7223	8.2	20 38.39	+2.6042+.0044	-28 40 51.1	-15.392-.237	10.1	1
5749	5541	6.2	20 41.87	+2.3785+.0060	-39 2 15.1	-15.395-.216	10.1	4
5750	575	7.5	20 47.30	-0.1952-.1019	-75 19 44.2	-15.400+.025	10.1	4

5714S.P. $35^s.16$, $19''.0$, 9.8, 1.

5718S.P. $48^s.11$, $54''.9$, 9.5, 1.

5735 $19^s.79$ included

5716S.P. $35^s.52$, $52''.1$, 10.1, 11.

5712 ($31''.6$).

5745 $2''.1$, $2''.0$, $0''.7$(?), $2''.3$.

No.	Name	Mag.	R. A. 1910	Prec. and Sec. Var.	Decl. 1910	Prec. and Sec. Var.	Epoch.	No. Obs.
		M	h m s	s s	° ′ ″	″ ″		
5751	3767	6.1	9 20 58.85	+2.0039+.0047	−51 20 59.0	−15.411−.180	10.1	4
5752	5250	8.0	20 59.74	+2.2617+.0061	−43 29 43.9	−15.412−.204	10.0	4
5753	1374	6.3	21 3.78	+1.5979−.0023	−59 54 55.3	−15.416−.142	9.9	4
5754	7238	7.8	21 23.86	+2.6078+.0044	−28 35 25.7	−15.434−.236	9.9	4
5755	8060	6.9*	21 36.12	+2.6762+.0036	−24 56 53.7	−15.446−.242	10.0	4
5756	5262	6.4	21 44.38	+2.2622+.0062	−43 35 20.0	−15.453−.204	10.1	4
5757	7250	9.1	21 47.13	+2.6019+.0045	−28 56 43.0	−15.456−.235	10.1	4
5758	1265	6.0	21 48.75	+1.5209−.0043	−61 15 34.5	−15.458−.135	10.1	4
5759	7251	9.3	21 50.00	+2.6021+.0045	−28 56 16.4	−15.459−.235	10.1	4
5760	5169	7.0	21 59.98	+2.1750+.0060	−46 33 17.2	−15.468−.195	9.9	4
5761	5494	7.3*	22 6.76	+2.3616+.0061	−39 55 30.1	−15.474−.212	10.1	4
5762	7551	7.8	22 8.26	+2.5625+.0050	−30 58 45.9	−15.476−.231	10.1	4
5763	7459	7.2	22 17.86	+2.5895+.0047	−29 38 41.8	−15.485−.233	10.1	4
5764	5140	9.7*	22 20.89	+2.2179+.0062	−45 12 17.6	−15.487−.199	10.2	4
5765	2388	6.9	22 27.89	+1.9022+.0036	−54 4 27.3	−15.494−.169	10.1	4
5766	7264[1]	9.2	22 30.97	+2.6016+.0046	−29 3 14.0	−15.497−.234	10.2	4
5767	7264[2]	9.6	22 31.17	+2.6016+.0046	−29 3 8.7	−15.497−.234	10.2	4
5768	8373	6.8	22 36.90	+2.6992+.0034	−23 46 39.9	−15.502−.243	10.1	4
5769	2346	6.9	22 40.58	+1.9542+.0043	−52 51 37.0	−15.506−.174	10.2	4
5770	6070	6.9	22 49.20	+2.5122+.0054	−33 30 22.4	−15.514−.225	10.1	4
5771	7271	6.0	22 49.44	+2.6150+.0045	−28 23 49.5	−15.514−.235	10.2	4
5772	4935	7.5	22 54.52	+2.1535+.0060	−47 22 15.2	−15.518−.192	10.1	4
5773	5507	6.4	22 55.69	+2.3599+.0062	−40 6 41.4	−15.520−.211	10.2	4
5774	5091	6.8	22 55.95	+2.3146+.0063	−41 51 39.1	−15.520−.207	10.2	4
5775	1032	7.2	22 58.75	+1.3139−.0107	−64 19 10.2	−15.522−.115	10.3	5
5776	2401	7.0	23 3.64	+1.9323+.0040	−53 26 57.9	−15.527−.172	10.1	4
5777	2680	2.2	23 9.90	+2.9498−.0014	− 8 16 5.4	−15.533−.265	9.9	37,49
5778	2802	4.9	23 11.19	+2.7321+.0029	−21 56 55.2	−15.534−.245	10.6	4
5779	1271	6.0	23 12.75	+1.5130−.0045	−61 33 42.8	−15.535−.133	10.3	4
5780	2163	7.6	23 14.02	+1.8346+.0026	−55 41 58.5	−15.536−.162	10.2	4
5781	5284	7.4	23 16.88	+2.2615+.0063	−43 50 56.1	−15.539−.202	9.9	4
5782	216	7.8	23 20.36	−5.2974−1.022	−84 14 30.6	−15.542+.494	10.0	4
5783	2360	5.2	23 22.20	+1.9531+.0043	−52 59 18.8	−15.544−.173	10.2	4
5784	1034	6.8	23 22.87	+1.2727−.0122	−64 52 52.6	−15.545−.110	10.3	4
5785	4147	8.7	23 23.88	+2.0386+.0052	−50 47 1.9	−15.546−.181	10.1	4
5786	6077	7.1	23 27.68	+2.5164+.0055	−33 23 56.6	−15.549−.225	10.1	4
5787	1056	6.5*	23 27.92	+0.7941−.0338	−69 41 10.1	−15.549−.066	10.2	4
5788	406	7.6	23 29.78*	−1.7135−.2806	−80 0 25.2*	−15.551+.164	10.1	3
5789	1057	7.9	23 32.42	+0.7535−.0360	−70 1 13.4	−15.553−.063	10.3	4
5790	2290	7.2	23 37.59	+1.8918+.0035	−54 29 0.9	−15.558−.167	10.2	4
5791	331	10.0	23 40.82	−2.4636−.3987	−81 20 50.0	−15.561+.233	10.2	4
5792	4707	7.0	23 47.48	+2.1274+.0059	−48 18 10.7	−15.567−.189	9.9	4
5793	5895	6.5	23 54.08	+2.4917+.0057	−34 36 54.0	−15.573−.222	10.0	4
5794	2423	6.9	24 0.76	+1.9167+.0039	−53 57 37.4	−15.579−.169	10.2	4
5795	4712	7.6	24 3.25	+2.1237+.0059	−48 27 16.6	−15.582−.188	10.2	4
5796	1059	9.0	24 12.37	+0.7617−.0357	−70 1 18.2	−15.590−.063	10.3	4
5797	1394	6.6	24 17.40	+1.6646−.0006	−59 11 14.8	−15.595−.146	10.1	4
5798	5301	7.2	24 18.18	+2.3115+.0065	−42 11 10.2	−15.595−.205	10.0	4
5799	5905	7.1	24 29.82	+2.4958+.0057	−34 30 40.7	−15.606−.222	10.1	4
5800	5198	9.2	24 34.16	+2.1956+.0063	−46 17 1.7	−15.610−.194	10.2	4

5788S.P. 29ˢ.72, 25ᵐ.6, 9.5, 1.

No.	Name	Mag.	R. A. 1910	Prec. and Sec. Var.	Decl. 1910	Prec. and Sec. Var.	Epoch.	No. Obs.
		M	h m s	s s	° ′ ″	″ ″		
5801	217	8.3	9 24 35.52*	-5.2734-1.027	-84 15 50.1*	-15.611+.489	10.2	3
5802	8115	7.2*	24 37.37	+2.6810+.0038	-25 2 23.5	-15.613-.238	10.2	5
5803	507	7.1	24 42.51	-0.7096-.1564	-77 30 34.7	-15.618+.072	10.2	4
5804	1037	6.4	24 47.27*	+1.3137-.0108	-64 32 21.6*	-15.622-.113	10.0	9
5805	2202	8.9	24 55.71	+1.8028+.0022	-56 36 48.4*	-15.630-.158	10.0	4,3
5806	2387	7.0	25 1.31	+1.9576+.0045	-53 7 26.4	-15.635-.172	9.9	4
5807	584	7.6	25 10.67	-0.3651-.1216	-76 20 11.5	-15.643+.040	10.2	4
5808	4417	7.0	25 11.48	+2.1024+.0059	-49 15 38.4	-15.644-.185	10.1	4
5809	5503	7.2	25 12.85	+2.2340+.0065	-45 6 15.4	-15.645-.197	10.0	4
5810	2212	7.5	25 14.18	+1.7892+.0020	-56 56 10.1	-15.646-.156	10.2	4
5811	5505	7.8	25 18.53	+2.2343+.0065	-45 6 24.1*	-15.650-.197	10.1	4
5812	219	7.2	25 25.43	-5.2522-1.029	-84 16 30.6	-15.657+.485	10.0	4
5813	5724	4.6	25 31.79*	+2.4763+.0060	-35 33 26.5	-15.663-.219	10.0	14
5814	5817	6.2	25 38.81	+2.4211+.0063	-38 0 33.8	-15.669-.214	10.1	4
5815	7114	6.7*	25 41.18	+2.6625+.0041	-26 11 56.3	-15.671-.235	10.5	4
5816	8145	7.5	25 44.39	+2.6817+.0039	-25 7 58.9	-15.674-.237	10.2	5
5817	2623	6.5	25 44.98	+2.7198+.0033	-22 57 3.0	-15.674-.240	10.1	4
5818	582	8.0	25 46.93	-0.1209-.0997	-75 22 53.2	-15.676+.018	10.3	4
5819	585	7.7	25 51.84	-0.4943-.1352	-76 51 41.0	-15.681+.052	10.2	4
5820	7117	5.7	25 54.78*	+2.6631+.0041	-26 11 41.4	-15.683-.235	10.2	10,11
5821	5328	6.8	25 55.15	+2.3019+.0066	-42 47 43.6	-15.684-.202	10.1	4
5822	5326	7.2	25 55.40	+2.2647+.0066	-44 8 42.2	-15.684-.199	10.3	5
5823	6651	7.4	26 1.14	+2.6330+.0045	-27 50 53.7	-15.689-.232	10.3	4
5824	5332	7.0	26 5.16	+2.2656+.0066	-44 8 16.9	-15.693-.199	10.2	4
5825	2396	8.7	26 5.28	+1.9825+.0049	-52 39 43.8	-15.693-.173	10.2	4
5826	8441	6.8	26 10.72	+2.7046+.0036	-23 52 45.8	-15.698-.238	10.2	4
5827	833	5.5	26 13.50*	+0.6303-.0440	-71 12 38.9*	-15.700-.050	10.1	8
5828	3865	7.4	26 15.42	+2.0080+.0052	-52 1 48.4	-15.702-.175	10.1	4
5829	4748	7.4	26 20.36	+2.1399+.0062	-48 19 9.5	-15.707-.187	10.2	4
5830	5337	7.5	26 25.05	+2.2831+.0067	-43 33 49.9	-15.711-.200	10.1	4
5831	2343	8.1	26 25.12	+1.9131+.0040	-54 24 4.4	-15.711-.166	10.2	4
5832	446	7.8	26 26.46	-1.0746-.2015	-78 41 0.7	-15.712+.104	10.3	4
5833	4197	7.3	26 30.36	+2.0765+.0058	-50 12 32.3	-15.716-.181	10.2	4
5834	7611	7.2	26 30.77	+2.5710+.0053	-31 9 18.8	-15.716-.226	10.2	4
5835	1277	6.0	26 31.32	+1.5203-.0042	-61 52 45.5	-15.716-.131	10.3	4
5836	6450	6.9*	26 31.58	+2.5336+.0056	-33 0 30.0	-15.717-.223	10.2	4
5837	7258	7.7	26 39.34	+2.6821+.0039	-25 13 12.0	-15.724-.236	10.1	4
5838	2218	7.7	26 43.49	+1.8374+.0029	-56 8 33.4	-15.728-.159	10.1	4
5839	7348	6.8	26 44.03	+2.6251+.0047	-28 22 11.5	-15.728-.231	10.1	4
5840	2349	7.8	26 45.14	+1.9184+.0042	-54 19 39.0	-15.729-.167	10.1	4
5841	1018	6.2	26 45.18	+1.1844-.0159	-66 18 30.7	-15.729-.100	10.2	4
5842	7355[1]	7.2	26 54.40	+2.5654+.0054	-31 29 40.7	-15.737-.225	10.2	4
5843	7355[2]	6.3	26 54.79	+2.5654+.0054	-31 29 33.4	-15.738-.225	10.2	5
5844	835	6.6	26 57.09	+0.6151-.0452	-71 23 16.8	-15.740-.049	10.3	4
5845	5835	8.8	26 57.10	+2.4267+.0064	-37 57 58.9	-15.740-.212	10.2	4
5846	823	8.4	26 59.03	+0.3488-.0630	-73 6 7.2	-15.742-.025	10.2	4
5847	2081	6.8	26 59.32	+1.7533+.0014	-57 54 15.4	-15.742-.152	10.2	4
5848	4204	5.6	27 0.88	+2.0465+.0056	-51 7 18.4	-15.743-.178	10.1	4
5849	2053	5.1	27 5.76	+3.2438-.0099	+11 41 55.5	-15.748-.286	10.0	4
5850	5838	8.4	27 8.38	+2.4262+.0064	-38 1 8.8	-15.750-.212	10.2	4

5801 S.P. $33^s.82$, $49''.2$, 9.5, 1.

5827 S.P. $13^s.46$, $38''.7$, 9.8, 6.

5811 $22''.6$(?), $24''.8$, $24''.7$, $24''.3$.

5820 ($54^s.95$).

5804 S.P. $47^s.37$, $23''.2$, 9.9, 7, $28''.8$ included.

5805 ($45''.5$).

5813 $31^s.94$ included.

No.	Name	Mag.	R. A. 1910	Prec. and Sec. Var.	Decl. 1910	Prec. and Sec. Var.	Epoch.	No. Obs.
		M	h m s	s s	° ′ ″	″ ″		
5851	5580	3.6	9 27 9.25	+2.3771+.0066	-40 4 20.6	-15.751-.208	9.8	8
5852	350	5.4	27 10.60*	-1.8135-.3048	-80 23 54.2*	-15.752+.170	10.0	8
5853	5202	6.7	27 11.24	+2.2410+.0067	-45 10 29.9	-15.753-.195	10.1	4
5854	1278	6.6*	27 17.24	+1.5212-.0042	-61 57 57.2	-15.758-.130	10.2	4
5855	4996	8.8	27 18.71	+2.1803+.0066	-47 12 36.1	-15.759-.190	10.2	4
5856	7369	6.0	27 41.15*	+2.5679+.0054	-31 28 29.0	-15.780-.224	9.8	8
5857	2090	5.8	27 45.71	+1.7558+.0015	-57 57 57.6	-15.784-.151	10.0	4
5858	5751	6.0	27 47.57	+2.4890+.0061	-35 18 48.0	-15.785-.217	10.0	4
5859	5002	6.8	28 3.32	+2.1732+.0066	-47 33 20.2	-15.799-.188	10.0	4
5860	7373	Var.	28 21.93	+2.6317+.0048	-28 13 51.2	-15.816-.229	10.0	4
5861	5667	7.6*	28 22.87	+2.4185+.0066	-38 32 23.6	-15.817-.210	10.1	4
5862	4230	8.1	28 29.20	+2.0645+.0059	-50 51 16.0	-15.823-.178	10.1	4
5863	2270	3.0	28 29.20	+1.8264+.0028	-56 38 13.3	-15.823-.157	10.1	18
5864	2004	4.6	28 42.79	+3.6855-.0294	+36 47 51.1	-15.835-.323	10.2	14
5865	5284	5.4	28 44.82	+2.3789+.0068	-40 15 2.8	-15.837-.206	10.0	8
5866	5007	7.6	28 46.27	+2.1692+.0067	-47 47 48.3	-15.838-.187	10.0	4
5867	2282	7.2	29 8.69	+1.8332+.0030	-56 35 26.7	-15.858-.157	10.1	5
5868	2645	5.8	29 20.26	+2.7348+.0033	-22 27 57.3	-15.868-.237	10.3	4
5869	608	8.5	29 24.23	+0.3599-.0634	-73 15 7.8	-15.872-.025	10.0	4
5870	5675	9.9	29 28.04	+2.4177+.0067	-38 44 41.6	-15.875-.208	10.0	4
5871	5676	6.4	29 30.04	+2.4182+.0068	-38 43 50.2	-15.877-.208	10.0	4
5872	1455	7.1	29 38.21	+1.6117-.0017	-60 50 10.8	-15.884-.137	10.1	4
5873	5679[1]	7.1	29 39.26	+2.4302+.0067	-38 14 22.4	-15.885-.209	10.1	4
5874	5679[2]	10.0	29 39.59	+2.4299+.0067	-38 14 59.5	-15.885-.209	10.3	3
5875	1025	6.3	29 44.59	+1.2147-.0149	-66 19 14.5	-15.890-.101	10.1	4
5876	2417	7.3	29 47.19	+1.9334+.0046	-54 25 54.7	-15.892-.165	10.1	4
5877	5573	Var.	29 49.56	+2.2636+.0071	-44 48 34.2	-15.894-.194	10.2	4
5878	5574	8.4	29 50.04	+2.2549+.0070	-45 6 56.1	-15.895-.194	10.1	4
5879	1253	Var.	29 58.75	+1.5168-.0043	-62 23 25.0	-15.902-.128	10.2	4
5880	2300	7.3	30 1.79	+1.8344+.0031	-56 41 42.0	-15.905-.156	10.2	4
5881	1414	7.3	30 3.10	+1.6568-.0006	-60 7 26.0	-15.906-.140	10.3	5
5882	7407	7.4	30 6.65	+2.5734+.0056	-31 32 36.7	-15.910-.221	10.1	4
5883	7409	7.4	30 9.14	+2.5720+.0056	-31 37 22.5	-15.912-.221	10.1	4
5884	4502	7.1	30 26.98	+2.1272+.0066	-49 21 24.3	-15.927-.182	10.0	4
5885	4802	5.4	30 30.59*	+2.1523+.0068	-48 36 17.8*	-15.931-.184	10.1	3
5886	1079	7.1*	30 31.97	+0.8355-.0333	-70 4 13.8	-15.932-.067	10.3	4
5887	1043	7.9	30 32.74	+1.3350-.0103	-64 58 41.0	-15.933-.111	10.2	4
5888	4504	7.8	30 34.17	+2.1289+.0066	-49 19 29.2	-15.934-.182	10.2	4
5889	2122	7.0	30 35.66	+1.7967+.0025	-57 33 47.1*	-15.935-.152	10.1	4,3
5890	5787	8.7	30 46.49	+2.4617+.0066	-37 1 15.2	-15.945-.211	9.9	4
5891	522	9.9	30 47.03	-0.7877-.1740	-78 9 1.6	-15.945+.076	10.4	4
5892	5638	7.5	30 54.84	+2.3919+.0070	-40 3 54.1	-15.952-.204	10.2	4
5893	611	7.8	30 55.46	+0.3668-.0637	-73 20 54.8	-15.953-.026	10.3	4
5894	835	5.5	30 56.26*	+0.4774-.0558	-72 40 54.0*	-15.953-.035	10.1	18
5895	4270	5.2	31 1.48	+2.0789+.0063	-50 51 15.9	-15.958-.177	10.1	4
5896	6183	7.2	31 9.43	+2.5281+.0062	-33 57 56.6	-15.965-.216	9.9	4
5897	346	8.7*	31 10.20*	-2.2116-.3815	-81 18 17.2*	-15.966+.202	10.1	3
5898	1464	7.1	31 14.86	+1.6605-.0004	-60 13 38.2	-15.970-.140	10.1	4,3
5899	347	8.2	31 25.66*	-2.2905-.3962	-81 26 36.2*	-15.979+.208	10.1	3
5900	5803	6.5*	31 27.21	+2.4987+.0065	-35 25 18.3	-15.981-.213	10.1	4

5852S.P. $10^s.74$, $54''.1$, 10.0, 10.

5897S.P. $9^s.83$, $15''.6$, 9.5, 1.

5856 $41^s.29$ included.

5889 ($49''.5$).

5894S.P. $56^s.50$, $53''.6$, 10.0, 12.

5899S.P. $25^s.35$, $38''.1$, 9.5, 1.

5885 Mean; n.f. $30^s.77$, $17''.4$, 10.3, 1.

No.	Name	Mag.	R. A. 1910	Prec. and Sec. Var.	Decl. 1910	Prec. and Sec. Var.	Epoch.	No. Obs.
		M	h m s	s s	° ′ ″	″ ″		
5901	4815	7.8	9 31 45.85	+2.1626+.0070	−48 29 14.9	−15.997−.183	10.1	4
5902	1576	4.2	31 49.94	+1.7418+.0014	−58 49 41.6	−16.000−.146	10.1	10
5903	7439	8.8	31 59.11	+2.6265+.0052	−29 0 28.6	−16.009−.224	10.1	4
5904	4818	8.6	32 2.03	+2.1563+.0070	−48 43 41.5	−16.011−.182	10.0	4
5905	7251	7.5	32 3.48	+2.6608+.0047	−27 7 8.9	−16.012−.227	10.2	4
5906	5270	8.1	32 7.50	+2.2487+.0073	−45 42 34.4	−16.016−.190	10.1	4
5907	5271	9.5	32 8.14	+2.2364+.0073	−46 8 1.2	−16.017−.189	10.2	4
5908	7704[1]	7.7	32 9.80	+2.5930+.0056	−30 49 46.9	−16.018−.220	10.1	4
5909	7704[2]	8.6	32 10.37	+2.5930+.0056	−30 49 50.0	−16.018−.220	10.2	2
5910	5428	7.0	32 14.10	+2.3027+.0074	−43 47 8.2	−16.022−.195	9.9	4
5911	1137	7.1	32 24.63	+1.4542−.0063	−63 37 43.4	−16.031−.120	10.2	4
5912	4824	8.5	32 24.89	+2.1651+.0071	−48 31 4.5	−16.031−.183	10.1	4
5913	8263	6.5	32 30.34	+2.7104+.0040	−24 18 3.1	−16.036−.230	10.2	4
5914	1115	7.5	32 33.94	+1.2955−.0119	−65 43 12.0	−16.039−.106	10.0	4
5915	359	8.0	32 35.27	−1.8891−.3320	−80 49 24.2	−16.040+.172	10.1	4
5916	1466	8.7	32 43.97	+1.6653−.0003	−60 21 23.6	−16.048−.139	10.2	4
5917	1580	8.8	32 47.21	+1.7504+.0017	−58 48 9.3	−16.051−.146	10.1	4
5918	7269	7.8	32 51.93	+2.6743+.0046	−26 27 13.9	−16.055−.227	10.2	4
5919	1045	8.1	32 52.41	+1.3875−.0085	−64 35 51.6	−16.055−.114	10.2	4
5920	8272	5.9	32 57.26	+2.7014+.0042	−24 53 36.5	−16.060−.229	10.5	4
5921	5281	9.0	33 2.47	+2.2413+.0074	−46 7 3.3	−16.064−.189	10.2	4
5922	4831	6.5	33 9.42	+2.1744+.0072	−48 20 48.9	−16.070−.183	10.2	4
5923	4299	7.5	33 10.82	+2.0823+.0066	−51 6 35.2	−16.071−.175	10.2	4
5924	7458	5.6	33 17.40*	+2.5781+.0059	−31 46 25.7	−16.077−.218	10.1	9
5925	7460	9.2	33 18.14	+2.6301+.0053	−29 0 2.0	−16.078−.222	10.1	4
5926	7637	7.5	33 18.53	+2.6153+.0055	−29 48 21.7	−16.078−.221	10.2	4
5927	7725	7.0	33 22.56	+2.6013+.0056	−30 33 55.4	−16.082−.220	10.0	5
5928	7641	7.1	33 32.73	+2.6235+.0054	−29 23 49.5	−16.090−.221	10.1	4
5929	4836	4.5	33 36.24	+2.1575+.0072	−48 57 5.0	−16.094−.181	10.1	4
5930	5452	8.4	33 41.29	+2.3334+.0075	−42 51 52.1	−16.098−.196	10.1	4
5931	5833	6.1	33 43.25	+2.5006+.0067	−35 41 27.5	−16.100−.210	10.2	4
5932	2612	6.1	33 44.29	+2.0334+.0062	−52 32 30.1	−16.100−.170	10.1	4
5933	351	7.7	33 45.16*	−2.4958−.4423	−81 51 49.5*	−16.101+.224	10.0	3
5934	1139	7.2	33 45.70	+1.4295−.0071	−64 8 58.8	−16.102−.117	10.1	4
5935	7728	7.8	33 51.60	+2.6081+.0056	−30 16 25.2	−16.107−.220	10.0	4
5936	1049	6.9	33 59.74	+1.4024−.0080	−64 32 49.4	−16.114−.115	10.1	4
5937	1098	7.4	34 1.45	+1.1242−.0193	−67 48 24.5	−16.115−.091	10.0	4
5938	2646	5.5	34 11.88	+2.0087+.0060	−53 15 47.3	−16.124−.167	10.1	4
5939	4546	7.0	34 16.03	+2.1402+.0072	−49 35 28.4	−16.128−.178	9.9	4
5940	7741	9.0	34 24.35	+2.6048+.0057	−30 31 52.3	−16.135−.218	10.1	4
5941	5462	5.5	34 30.38	+2.3390+.0076	−42 47 3.6	−16.140−.195	10.1	4
5942	6788	8.5	34 30.60	+2.6586+.0050	−27 34 45.0	−16.141−.223	10.1	4
5943	4858	7.3	34 50.05	+2.1826+.0074	−48 21 59.2	−16.157−.182	10.0	4
5944	1434	7.0	34 55.41	+1.7312+.0014	−59 29 4.1	−16.162−.142	10.0	4
5945	354	8.8	34 55.68*	−2.0782−.3712	−81 16 26.1*	−16.162+.186	10.1	3
5946	5697	6.7	35 2.22	+2.4280+.0073	−39 12 21.4	−16.168−.202	10.0	4
5947	2664	6.9	35 3.72	+1.9927+.0059	−53 48 47.4	−16.169−.165	10.1	4
5948	2382	8.2	35 13.77	+1.8820+.0044	−56 27 37.5	−16.178−.155	10.1	4
5949	2231	4.1	35 15.63	+3.0624−.0040	− 0 44 2.2	−16.179−.257	10.2	8
5950	2383	8.6	35 15.96	+1.8780+.0043	−56 33 15.5	−16.180−.155	10.1	4

5933S.P. 45^s.28, 48″.2, 9.5, 1. 5945S.P. 55^s.67, 25″.7, 9.5, 1.

5924 17^s.55 included.

No.	Name	Mag.	R. A. 1910	Prec. and Sec. Var.	Decl. 1910	Prec. and Sec. Var.	Epoch.	No. Obs.
		M	h m s	s s	° ′ ″	″ ″		
5951	771	7.8	9 35 27.43	+2.4316+.0074	−39 7 18.4	−16.190−.202	10.1	4
5952	5478	7.6	35 31.28	+2.3517+.0077	−42 27 29.3	−16.193−.195	10.1	4
5953	4872	7.8	35 42.12	+2.1782+.0075	−48 39 15.5	−16.202−.180	10.2	4
5954	1599	7.6	35 51.86	+1.7760+.0024	−58 46 7.6	−16.211−.145	10.1	4
5955	2917	5.0	35 59.49	+2.8778+.0010	−13 55 25.2	−16.217−.240	10.0	4
5956	1144	7.0	36 10.51	+1.4640−.0060	−63 59 44.8	−16.227−.118	10.1	4
5957	2663	7.5	36 18.72	+2.0494+.0067	−52 32 8.0	−16.234−.168	10.1	4
5958	2044	3.8	36 20.90	+3.2150−.0092	+10 18 7.7	−16.235−.268	10.0	23,35
5959	2208	7.9	36 21.13	+1.8242+.0034	−57 52 23.6	−16.236−.149	10.2	4
5960	7775	7.4	36 21.78	+2.6106+.0058	−30 30 48.8	−16.236−.216	10.1	4
5961	5105	7.5	36 22.13	+2.2072+.0077	−47 49 46.9	−16.237−.182	10.2	4
5962	2554	6.9	36 28.32	+1.9806+.0059	−54 20 43.6	−16.242−.162	10.3	4
5963	4578	7.3	36 32.45	+2.1483+.0075	−49 43 48.2	−16.245−.177	10.2	4
5964	365	5.2	36 33.86*	−1.6243−.3010	−80 32 13.3*	−16.247+.146	9.9	11,14
5965	1146	7.0	36 38.18	+1.4623−.0060	−64 4 56.3	−16.250−.118	10.0	4
5966	4581	8.9	36 43.81	+2.1468+.0075	−49 48 24.2	−16.255−.176	10.2	4
5967	1033	7.6	36 51.22	+1.2793−.0128	−66 27 8.7	−16.261−.102	10.2	4
5968	1477	4.7	36 51.50	+1.6673+.0000	−60 55 13.6	−16.262−.135	10.2	4
5969	1604	10.6	37 10.00	+1.7815+.0026	−58 51 40.5	−16.277−.145	10.3	4
5970	2684	4.7	37 10.53	+2.7385+.0040	−23 10 55.4	−16.278−.226	10.6	4
5971	1606	7.5	37 11.10	+1.7809+.0026	−58 52 34.0	−16.278−.145	10.2	5
5972	1279	6.7	37 23.81	+1.5740−.0025	−62 32 5.1*	−16.289−.127	10.1	4
5973	6646	7.0	37 33.47	+2.5674+.0065	−32 59 11.1	−16.297−.211	10.0	4
5974	7712	6.7*	37 55.89	+2.6262+.0058	−29 53 36.4	−16.316−.216	10.1	4
5975	2228	5.4	37 56.24	+1.8504+.0041	−57 34 26.4	−16.316−.150	10.1	4
5976	2579	7.3	37 57.69	+1.9813+.0061	−54 34 25.1	−16.318−.161	10.2	4
5977	4068	7.5	38 6.04	+2.1071+.0074	−51 13 20.8	−16.325−.171	10.2	4
5978	8646	5.0	38 10.68	+2.7353+.0041	−23 30 40.6	−16.329−.224	10.5	4
5979	2435	5.8	38 11.38	+1.8858+.0047	−56 50 54.8	−16.329−.152	10.1	4
5980	5281	7.2	38 27.32	+2.3788+.0080	−41 52 20.1	−16.343−.194	10.2	4
5981	1612	8.4	38 27.78	+1.7983+.0031	−58 43 43.8	−16.343−.145	10.1	4
5982	5347	8.6	38 28.08	+2.2827+.0081	−45 35 8.5	−16.343−.186	10.1	4
5983	5886	7.8	38 41.57	+2.5281+.0070	−35 10 1.2	−16.355−.206	10.0	4
5984	2594	6.2	38 49.77	+1.9779+.0061	−54 48 11.0*	−16.362−.160	10.1	4
5985	2745	8.0	38 50.07	+2.0174+.0066	−53 48 22.8	−16.362−.163	10.2	4
5986	6097	6.4	38 53.45	+2.5303+.0070	−35 5 25.6	−16.365−.206	10.0	10
5987	6667	7.5*	39 0.08	+2.5718+.0066	−32 59 23.4	−16.370−.210	10.0	4
5988	1148	8.8	39 1.78	+1.5459−.0033	−63 11 57.6	−16.372−.123	10.1	4
5989	1124	6.9	39 4.79	+1.3674−.0095	−65 40 14.6	−16.374−.108	10.1	4
5990	2452[1]	7.9	39 45.46	+1.9588+.0060	−55 25 15.6	−16.408−.157	10.1	3
5991	2452[2]	8.5	39 45.96	+1.9589+.0060	−55 25 17.2	−16.409−.157	9.9	4
5992	1111	7.4	39 53.39	+1.1650−.0181	−68 5 36.8	−16.415−.090	10.1	4
5993	2775	7.8	40 9.81	+2.0315+.0069	−53 39 48.2	−16.429−.163	10.0	4
5994	6881	5.0	40 11.34	+2.6764+.0053	−27 21 25.8	−16.430−.216	10.1	13
5995	4420	6.5	40 15.39	+2.1336+.0078	−50 48 55.9	−16.434−.171	10.1	4
5996	1042	6.6*	40 15.53	+1.3122−.0117	−66 30 9.6	−16.434−.102	10.1	4
5997	2705	6.8	40 28.32	+2.7585+.0039	−22 20 19.2	−16.444−.223	10.1	4
5998	5850	6.7	40 35.14	+2.4506+.0079	−39 9 27.8	−16.450−.197	10.2	4
5999	5166	8.4	40 35.43	+2.2334+.0083	−47 41 41.8	−16.450−.179	10.2	4
6000	2788	5.7	40 38.88	+2.0416+.0071	−53 28 43.9	−16.453−.163	10.2	4

5964 S.P. $33^s.77$, $13''.5$, 9.9, 10, 11.

5972 $6''.6$, $5''.0$, $4''.3$, $4''.7$.

5984 $12''.5$, $10''.4$, $10''.6$, $10''.4$

No.	Name	Mag.	R. A. 1910	Prec. and Sec. Var.	Decl. 1910	Prec. and Sec. Var.	Epoch.	No. Obs.
		M	h m s	s s	° ′ ″	″ ″		
6001	2470	8.0	9 40 39.70	+1.9174+.0055	−56 32 23.8	−16.454−.153	10.2	4
6002	2129	3.1	40 44.72	+3.4152−.0179	+24 11 20.7	−16.458−.277	10.0	48,70
6003	6895	7.0	40 46.33	+2.6802+.0053	−27 12 58.0	−16.459−.216	10.2	4
6004	4432	7.8	40 50.49	+2.1324+.0079	−50 57 14.3	−16.463−.170	10.0	4
6005	5182	6.9	41 17.01	+2.2240+.0084	−48 8 5.8	−16.485−.178	10.1	4
6006	4440	8.8	41 21.60	+2.1535+.0081	−50 24 39.3	−16.489−.172	10.1	4
6007	7758	6.4	41 24.38*	+2.6376+.0060	−29 47 17.7	−16.491−.212	10.1	3,4
6008	365	6.8	41 29.15*	−1.8898−.3601	−81 17 56.7*	−16.495+.164	10.2	2
6009	5463	7.8	41 30.00	+2.2563+.0085	−47 3 58.9	−16.496−.180	9.9	4
6010	6709	6.9	41 31.53	+2.5932+.0067	−32 16 2.5	−16.497−.208	10.1	4
6011	866	6.9	41 32.28	+0.7665−.0406	−71 46 40.4	−16.498−.056	10.1	4
6012	2491	7.0	42 2.21	+1.9003+.0053	−57 9 12.6	−16.522−.150	10.1	4
6013	5401	7.8	42 11.35	+2.3033+.0086	−45 29 46.6	−16.530−.183	10.1	4
6014	5917	6.8*	42 11.44	+2.5343+.0074	−35 26 46.3	−16.530−.202	10.1	4
6015	2836	7.2	42 13.95	+2.0386+.0072	−53 49 57.0	−16.532−.161	10.2	4
6016	7411	6.9	42 19.64	+2.6900+.0053	−26 51 30.8	−16.537−.215	10.1	4
6017	5600	7.4	42 22.88	+2.3618+.0086	−43 15 48.0	−16.539−.188	10.2	4
6018	6725	7.0	42 23.63	+2.5804+.0069	−33 5 32.6	−16.540−.206	10.1	4
6019	1635	7.4	42 29.49	+1.8137+.0038	−59 3 38.3	−16.545−.142	10.2	4
6020	5491	8.0	42 33.16	+2.4346+.0083	−40 13 21.2	−16.548−.193	10.1	4
6021	7887	7.8*	42 34.66	+2.6219+.0064	−30 51 32.7	−16.549−.209	10.2	4
6022	1108	8.7	42 36.26	+1.0686−.0233	−69 22 46.3	−16.550−.081	10.3	5
6023	5411[1]	9.5	42 40.68	+2.3055+.0087	−45 30 13.9	−16.554−.182	10.1	5
6024	5411[2]	7.0	42 41.25	+2.3056+.0087	−45 30 6.7	−16.554−.182	10.0	5
6025	1333	Var.	42 46.49	+1.6504−.0001	−62 5 33.4	−16.559−.129	9.9	8
6026	1551	5.2	42 47.42	+3.8645−.0438	+46 26 26.0	−16.560−.310	10.0	7
6027	2499	6.6	42 47.52	+1.9229+.0058	−56 46 13.2	−16.560−.151	10.1	4
6028	5497	7.7	42 55.67	+2.4352+.0083	−40 15 48.5	−16.566−.193	10.2	4
6029	5846	5.7	42 59.71	+2.3375+.0087	−44 20 18.9	−16.570−.185	10.3	4
6030	5906	7.4	43 6.90	+2.4659+.0081	−38 54 25.2	−16.576−.195	10.0	8
6031	7895	6.8	43 7.74	+2.6236+.0064	−30 51 5.1	−16.576−.208	10.2	4
6032	1640	6.3	43 10.00	+1.8522+.0046	−58 22 46.2	−16.578−.145	9.9	4
6033	1641	8.1	43 13.76	+1.8431+.0044	−58 34 50.7	−16.581−.144	10.3	1
6034	1061	7.6	43 13.95	+1.3541−.0102	−66 23 35.1	−16.581−.104	10.0	4
6035	1644	7.2	43 15.70	+1.8409+.0044	−58 37 53.0	−16.583−.144	10.0	4
6036	1112	7.1	43 28.29	+1.0832−.0227	−69 20 47.8	−16.593−.081	10.2	4
6037	6935	7.3	43 39.84	+2.6749+.0057	−27 57 43.8	−16.602−.212	9.9	4
6038	1646	6.8	43 41.85	+1.8295+.0042	−58 56 9.9	−16.604−.142	10.1	4
6039	6749	6.8	43 42.76	+2.5896+.0070	−32 49 30.3	−16.605−.204	10.1	4
6040	6072	7.7	43 43.07	+2.5020+.0079	−37 18 24.1	−16.605−.197	10.2	4
6041	6073	6.9	43 50.29	+2.4928+.0080	−37 46 19.7	−16.611−.196	10.2	4
6042	597	8.1	43 51.12	−0.0082−.1053	−76 21 7.5	−16.612+.008	10.3	4
6043	1115	7.4	44 6.68	+1.0535−.0244	−69 42 6.4	−16.624−.079	10.2	4
6044	6083	7.3	44 16.53	+2.4908+.0081	−37 56 57.0	−16.632−.196	10.1	4
6045	210	8.3	44 18.67*	−6.6198−1.710	−85 35 59.6*	−16.634+.546	10.2	2
6046	448	7.5	44 25.16	−0.8260−.2019	−79 10 38.4	−16.639+.074	10.2	4
6047	4692	6.8*	44 25.80	+2.1992+.0088	−49 31 30.6	−16.640−.172	10.1	4
6048	2533	7.7	44 28.60	+1.9536+.0064	−56 20 41.0	−16.642−.152	9.9	4
6049	210	6.9	44 32.65*	−6.6055−1.708	−85 36 0.2*	−16.645+.544	10.2	3
6050	7510	6.8	44 39.69	+2.7096+.0052	−25 59 47.3	−16.651−.213	10.2	5

6008S.P. $28^{s}.62$, $56^{n}.6$, 9.5, 2.

6045S.P. $18^{s}.27$, $59^{n}.8$, 9.5, 2.

6049S.P. $32^{s}.28$, $0^{n}.0$, 9.5, 2.

6007 ($24^{s}.59$).

No.	Name	Mag.	R. A. 1910	Prec. and Sec. Var.	Decl. 1910	Prec. and Sec. Var.	Epoch.	No. Obs.
		M	h m s	s s	° ′ ″	″ ″		
6051	6085	7.2	9 44 42.10	+2.5075+.0080	−37 13 2.5	−16.653−.196	10.1	4
6052	1084	3.2	44 51.16*	+1.5036−.0046	−64 39 15.1*	−16.660−.115	10.1	22
6053	5631	7.7	44 51.66	+2.3648+.0089	−43 36 6.6	−16.661−.185	10.0	4
6054	1084	6.0	44 51.76	+1.5036−.0046	−64 39 18.2	−16.661−.115	10.0	4
6055	6170[1]	8.1	44 54.61	+2.5600+.0075	−34 36 5.2	−16.663−.200	10.0	4
6056	6170[2]	8.1	44 54.96	+2.5600+.0075	−34 36 7.4	−16.663−.201	10.0	4
6057	645	8.0	45 14.63	+0.5378−.0583	−73 41 53.1	−16.679−.036	10.0	4
6058	5267	8.0	45 32.45	+2.2653+.0091	−47 29 36.3	−16.694−.176	10.1	4
6059	5648	6.7	45 34.37	+2.3812+.0090	−43 3 49.6	−16.695−.185	10.1	4
6060	2737	7.8	45 38.43	+2.0136+.0074	−55 4 32.1	−16.699−.155	10.2	4
6061	1487	8.8	45 40.70	+1.8037+.0038	−59 46 36.5	−16.700−.138	10.2	6
6062	5955	6.0	45 41.58	+2.5203+.0080	−36 46 1.7	−16.701−.196	10.1	4
6063	2548	6.1	45 42.44	+1.9772+.0069	−55 59 34.1	−16.702−.152	9.9	4
6064	1085	7.8	45 49.60	+1.3787−.0092	−66 26 38.0	−16.708−.104	9.9	4
6065	5863	9.3	45 51.64	+2.4633+.0085	−39 31 45.6	−16.709−.191	10.3	1
6066	1491	7.4	46 1.34	+1.8097+.0040	−59 42 49.5	−16.717−.138	10.1	5
6067	5961	6.3	46 2.59	+2.5398+.0079	−35 50 53.7	−16.718−.197	10.1	4
6068	598	5.4	46 19.23*	+0.0402−.1028	−76 21 23.0*	−16.732+.004	9.8	11
6069	5873	7.5	46 19.99	+2.4604+.0086	−39 44 55.7	−16.732−.190	10.0	4
6070	5470	5.3	46 27.32	+2.3291+.0092	−45 18 44.8	−16.738−.180	10.1	4
6071	351	8.2	46 37.81*	−2.4126−.4806	−82 22 21.1*	−16.746+.200	10.2	3
6072	2794	6.0	46 41.93	+3.0235−.0025	− 3 49 16.4	−16.750−.235	10.0	5
6073	5971	7.7	46 42.63	+2.5422+.0079	−35 50 28.6	−16.750−.196	10.1	4
6074	4563	7.9	46 46.02	+2.1916+.0090	−50 12 12.7	−16.753−.168	9.9	4
6075	4730	8.0	46 50.15	+2.2228+.0092	−49 11 53.2	−16.756−.171	10.1	4
6076	2739	7.3±	46 54.36	+2.7674+.0044	−22 35 44.8	−16.760−.214	10.2	4
6077	1501	8.3	46 55.95	+1.8109+.0041	−59 50 30.3	−16.761−.138	10.1	4
6078	6987	8.4	47 5.85	+2.6821+.0060	−28 3 50.0	−16.769−.207	10.2	4
6079	7953	8.0	47 6.71	+2.6310+.0068	−31 5 18.7	−16.770−.203	10.1	4
6080	2963	4.3	47 8.93	+2.8842+.0016	−14 25 26.7	−16.771−.223	10.3	5
6081	5558	6.0	47 14.77	+2.3013+.0093	−46 30 47.9	−16.776−.176	10.2	4
6082	1508	8.5	47 27.38	+1.7984+.0039	−60 10 19.2	−16.786−.136	10.1	1
6083	1668	8.0	47 30.86	+1.8550+.0051	−59 2 43.6	−16.789−.141	10.1	4
6084	2019	4.1	47 38.87	+3.4352−.0196	+26 25 52.2	−16.795−.266	10.2	26,44
6085	5499	5.7	47 50.56	+2.3240+.0094	−45 46 21.1	−16.804−.178	10.1	4
6086	1510	7.5	47 55.56	+1.8058+.0046	−60 6 22.9	−16.808−.136	10.2	5
6087	6821	7.1*	48 0.64	+2.6078+.0073	−32 33 26.1	−16.812−.200	10.1	4
6088	621	6.9	48 2.22	+0.2870−.0809	−75 21 34.4	−16.814−.016	10.2	4
6089	1149	6.8	48 2.47	+1.2716−.0140	−67 59 55.3	−16.814−.094	10.2	4
6090	5507	7.3	48 10.01	+2.3173+.0095	−46 5 23.4	−16.820−.177	10.1	4
6091	5508	4.6	48 11.96	+2.3165+.0095	−46 7 30.8	−16.821−.177	10.2	4
6092	1673	5.8	48 23.65	+1.8643+.0054	−59 0 7.9	−16.831−.140	9.9	4
6093	1335	5.6	48 23.75	+1.6885+.0013	−62 19 23.1	−16.831−.126	10.2	4
6094	2790	8.2	48 32.73	+2.0383+.0081	−54 57 40.9	−16.838−.154	10.1	4
6095	2792	7.2	48 35.21	+2.0660+.0084	−54 14 1.8	−16.840−.156	10.0	4
6096	7505	6.3*	48 56.15	+2.7054+.0058	−26 54 39.0	−16.856−.206	10.1	4
6097	1516	7.7	48 57.90	+1.8114+.0043	−60 10 12.2	−16.858−.136	9.9	4
6098	4265	7.6	49 20.47	+2.1726+.0093	−51 17 21.8	−16.876−.164	9.9	4
6099	6467	8.9	49 30.18	+2.5921+.0077	−33 41 43.4	−16.883−.196	10.1	4
6100	394	8.1*	49 32.64*	−1.2979−.2837	−80 38 28.5*	−16.885+.109	10.0	1

6052S.P. 51ˢ.26, 16″.3, 10.1, 11.

6068S.P. 19ˢ.42, 23″.3, 10.1, 11.

6071S.P. 36ˢ.40. 20″.8, 9.5, 1.

6100S.P. 32ˢ.78, 28″.4, 9.6, 3; 29″.3, 26″.6, 29″.2.

No.	Name	Mag.	R. A. 1910	Prec. and Sec. Var.	Decl. 1910	Prec. and Sec. Var.	Epoch.	No. Obs.
		M	h m s	s s	° ′ ″	″ ″		
6101	5587	8.2	9 49 35.22	+2.3200+.0097	−46 15 47.3	−16.887−.175	10.1	4
6102	2808	8.2	49 35.69	+2.0431+.0083	−55 1 47.6	−16.888−.153	10.0	4
6103	556	7.8	49 39.90	−0.2732−.1404	−77 51 36.2	−16.891+.029	10.1	4
6104	5706	7.1	49 42.59	+2.3738+.0096	−44 9 39.2	−16.893−.179	10.1	4
6105	7748	7.9	49 44.33	+2.6286+.0072	−31 40 37.7	−16.894−.199	10.1	4
6106	2816	6.7	49 55.51	+2.0485+.0084	−54 56 55.5	−16.903−.153	10.0	4
6107	5423	7.4	49 58.28	+2.4285+.0094	−41 53 5.8	−16.905−.183	9.9	4
6108	6854	7.6*	50 0.30	+2.6096+.0075	−32 48 37.9	−16.907−.197	10.1	4
6109	7035	6.9	50 2.20	+2.6976+.0061	−27 34 25.6	−16.908−.204	10.2	4
6110	5425	7.4	50 4.76	+2.4393+.0093	−41 25 22.0	−16.910−.184	9.9	4
6111	7585	5.0	50 7.58	+2.7302+.0054	−25 30 30.6	−16.913−.206	10.2	4
6112	2935	6.3	50 21.34	+2.7822+.0044	−22 3 43.6	−16.923−.210	10.1	4
6113	1356	8.1	50 27.66	+1.7314+.0026	−61 54 39.7	−16.928−.128	10.0	4
6114	4622	6.0	50 32.06	+2.1978+.0096	−50 43 18.0	−16.932−.164	9.9	4
6115	2810	5.2	50 37.48	+2.8321+.0032	−18 34 57.6	−16.936−.214	10.0	9
6116	6256	7.2	50 39.91	+2.5816+.0080	−34 28 53.5	−16.938−.194	10.2	4
6117	5736	7.5	50 40.42	+2.4178+.0095	−42 29 31.2	−16.938−.181	10.1	4
6118	5987[1]	8.0	50 44.34	+2.3616+.0098	−44 51 31.8	−16.941−.177	10.2	4
6119	5987[2]	5.9	50 44.81	+2.3617+.0098	−44 51 29.3	−16.942−.177	10.2	4
6120	5613	6.7	50 53.28	+2.3280+.0099	−46 12 41.2	−16.948−.174	10.1	4
6121	5556	8.4*	50 58.58	+2.3516+.0098	−45 18 21.5	−16.952−.176	10.1	4
6122	2409	9.4	50 59.09	+1.9662+.0074	−57 11 33.3	−16.953−.146	10.1	4
6123	2410	9.2	51 3.10	+1.9655+.0074	−57 13 15.5	−16.956−.146	10.1	4
6124	882	7.0	51 3.43	+0.9397−.0324	−71 31 8.3	−16.956−.066	10.0	4
6125	6493	7.5	51 16.08	+2.6056+.0077	−33 15 52.4	−16.966−.195	10.2	4
6126	6879	7.5	51 16.84	+2.6114+.0077	−32 56 11.3	−16.966−.196	10.1	4
6127	949	7.2	51 18.25	+1.0024−.0287	−71 1 43.5	−16.968−.071	10.3	4
6128	1350	10.1	51 18.71	+1.7045+.0019	−62 31 8.6	−16.968−.125	10.2	4
6129	1359	8.0	51 20.80	+1.7516+.0032	−61 41 38.4	−16.970−.129	10.0	4
6130	5610	8.2	51 22.20	+2.4685+.0093	−40 20 9.9	−16.971−.184	10.2	4
6131	4801	5.9	51 30.39	+2.2311+.0099	−49 49 3.6	−16.977−.166	10.1	4
6132	2418	6.7	51 39.34	+1.9367+.0070	−57 59 41.5	−16.984−.143	10.1	4
6133	5616	6.5	51 45.04	+2.4523+.0095	−41 9 36.8	−16.988−.182	10.1	4
6134	1120	8.5	51 45.49	+1.4098−.0082	−66 53 42.4	−16.989−.102	10.1	4
6135	5961	8.1	51 47.13	+2.4772+.0093	−40 0 29.2	−16.990−.184	10.1	4
6136	2420	8.4	51 55.54	+1.9688+.0076	−57 18 3.0	−16.996−.145	10.1	4
6137	1699	8.6	51 58.11	+1.9109+.0066	−58 37 31.1	−16.998−.140	10.1	4
6138	1128	7.0	52 2.69	+1.1820−.0188	−69 28 9.8	−17.002−.084	10.1	5
6139	2646	6.8	52 7.26	+1.9847+.0078	−56 57 22.5	−17.006−.146	10.2	4
6140	5370	9.9	52 8.00	+2.2881+.0101	−47 56 58.2	−17.006−.169	10.2	4
6141	5760	7.8	52 9.56	+2.4184+.0098	−42 45 38.8	−17.007−.179	10.3	4
6142	2033	5.2	52 10.59	+3.6980−.0358	+41 29 4.6	−17.008−.278	10.2	7
6143	1357	10.5	52 11.69	+1.7145+.0022	−62 29 28.3	−17.009−.125	10.3	4
6144	6032	7.0	52 13.96	+2.4974+.0092	−39 7 29.0	−17.011−.185	10.1	4
6145	8043	7.0*	52 16.49	+2.6534+.0071	−30 39 49.8	−17.013−.197	10.2	4
6146	1358	9.0	52 21.12	+1.6957+.0018	−62 50 18.2	−17.016−.123	10.2	4
6147	457	6.5	52 21.31*	−0.7904−.2112	−79 38 12.0*	−17.016+.068	9.9	9,8
6148	5626	6.3	52 22.73	+2.4715+.0094	−40 23 47.4	−17.017−.183	9.9	4
6149	1707	7.6	52 39.41	+1.9305+.0071	−58 18 48.3	−17.030−.141	9.9	4
6150	6895	5.9	52 39.58	+2.6149+.0078	−32 59 27.5	−17.030−.194	10.1	8

6147S.P. 21ˢ.37, 11″.9, 10.0, 10.

No.	Name	Mag.	R. A. 1910	Prec. and Sec. Var.	Decl. 1910	Prec. and Sec. Var.	Epoch.	No. Obs.
		M	h m s	s s	° ′ ″	″ ″		
6151	7622	6.2	9 52 41.62	+2.7269+.0058	−26 7 20.8	−17.032−.202	10.1	4
6152	6018	7.8	52 44.81	+2.3722+.0100	−44 49 43.6	−17.034−.175	10.1	4
6153	1709	7.1	52 49.56*	+1.9154+.0068	−58 40 45.4	−17.038−.140	10.2	4
6154	7551	6.2*	52 50.12	+2.7130+.0061	−27 2 51.1	−17.038−.201	10.2	4
6155	5385	8.2	53 0.20	+2.2920+.0102	−47 58 54.6	−17.046−.168	10.2	4
6156	3052	6.8	53 1.62*	+2.1330+.0096	−53 11 29.4	−17.047−.156	10.1	3,4
6157	4662	6.5	53 2.88	+2.2072+.0101	−50 54 28.2	−17.048−.162	10.2	4
6158	6289	7.5*	53 5.42	+2.5914+.0082	−34 23 51.1	−17.050−.191	10.1	4
6159	1002	7.1	53 13.36	+1.2659−.0147	−68 45 43.3	−17.056−.090	10.3	4
6160	6909	7.1	53 19.78	+2.6268+.0077	−32 25 44.4	−17.061−.194	10.1	4
6161	2183	5.2	53 23.02	+3.2328−.0104	+12 52 28.3	−17.064−.240	9.8	4
6162	1366	9.2	53 31.17	+1.7160+.0024	−62 40 57.3	−17.070−.124	10.2	4
6163	2909	8.0	53 35.72	+2.0852+.0093	−54 39 16.3	−17.074−.152	10.1	4
6164	3075	3.7	53 42.06	+2.1045+.0095	−54 8 20.5	−17.078−.153	10.0	17,16
6165	1127	10.4	53 45.06*	+1.5774−.0018	−64 55 39.3	−17.081−.113	10.2	3,4
6166	2451	7.4	53 46.24	+1.9862+.0081	−57 13 34.0	−17.082−.144	10.0	4
6167	4831	7.5	53 49.43	+2.2556+.0103	−49 26 29.5	−17.084−.165	10.1	4
6168	2980	6.2	53 55.13	+2.1715+.0100	−52 12 35.4	−17.088−.158	10.1	4
6169	5168	7.0	53 57.70	+2.2654+.0104	−49 7 37.1	−17.090−.165	10.2	5
6170	8622	6.7*	54 6.20	+2.7516+.0055	−24 42 5.8	−17.097−.202	10.0	4
6171	5399	6.4	54 15.34	+2.2988+.0104	−47 59 4.2	−17.104−.168	9.9	4
6172	1370	8.0	54 22.85	+1.7083+.0022	−62 57 26.7	−17.109−.123	10.2	4
6173	2694	7.9	54 34.98	+2.0245+.0088	−56 26 4.0	−17.119−.146	10.1	4
6174	953	6.4	54 35.98	+1.0578−.0261	−70 57 37.3	−17.119−.073	10.0	4
6175	7791	7.3	54 41.35	+2.6894+.0068	−28 52 28.1	−17.123−.197	10.1	4
6176	1233	6.5	54 48.99	+1.6453+.0004	−64 3 42.6	−17.129−.117	10.0	4
6177	8898	6.1	54 56.85	+2.7707+.0052	−23 31 12.4	−17.135−.202	10.1	4
6178	6050	5.2	55 0.48	+2.5788+.0086	−35 27 35.9	−17.138−.188	10.1	16
6179	2276	6.6	55 3.01	+3.1187−.0057	+ 3 48 54.8	−17.140−.228	9.8	4
6180	1011	6.3	55 3.96	+1.2977−.0133	−68 40 20.2	−17.141−.091	10.2	4
6181	1379	7.3	55 7.81	+1.7967+.0046	−61 30 8.2	−17.143−.128	10.3	4
6182	1739	7.7*	55 9.56	+1.9455+.0077	−58 25 52.5	−17.145−.140	10.2	5
6183	2301	4.9	55 27.51	+3.1755−.0080	+ 8 28 34.9	−17.158−.232	10.1	31,53
6184	1381	7.0	55 28.62	+1.7646+.0039	−62 9 19.6	−17.159−.126	10.2	4
6185	6062	8.5	55 34.98	+2.3923+.0104	−44 34 29.2	−17.164−.173	10.2	4
6186	1964	5.6	55 49.53	+3.5093−.0249	+32 21 59.3	−17.175−.256	10.3	9
6187	6064	6.2	55 50.28	+2.3948+.0105	−44 31 26.3	−17.176−.173	10.2	4
6188	8094	7.1	55 57.03	+2.6601+.0075	−30 55 5.3	−17.181−.192	9.9	4
6189	7845	8.5	55 58.19	+2.6401+.0079	−32 7 51.8	−17.181−.191	10.1	4
6190	2510	7.2	56 14.25	+1.9858+.0084	−57 41 49.0	−17.194−.142	10.1	4
6191	1384	7.8	56 17.22	+1.7869+.0045	−61 53 9.5	−17.196−.127	10.1	4
6192	1387	6.6	56 29.34	+1.7315+.0031	−62 54 45.4	−17.205−.122	10.1	4
6193	7595	8.6	56 30.38	+2.7273+.0063	−26 43 23.2	−17.206−.197	9.9	4
6194	1210	7.4	56 44.24	+1.5667−.0021	−65 33 5.9	−17.216−.110	9.9	4
6195	1598	7.6	57 8.94	+1.8873+.0068	−60 3 47.8	−17.234−.133	9.8	4
6196	6104	8.0	57 21.41	+2.5217+.0097	−38 56 56.0	−17.244−.180	10.0	4
6197	6105	7.2*	57 27.62	+2.5207+.0097	−39 1 4.1	−17.248−.180	10.0	4
6198	2746	6.4	57 30.79	+2.0435+.0094	−56 30 49.4	−17.251−.144	10.0	4
6199	8928	6.9	57 34.21	+2.7784+.0053	−23 22 23.3	−17.253−.199	10.1	4
6200	4876	7.2	57 34.73	+2.2604+.0110	−50 2 40.6	−17.254−.160	10.1	4

6153 $49^s.40$, $49^s.47$, $49^s.58$, $49^s.80$. 6156 ($1^s.92$). 6165 ($45^s.49$).

No.	Name	Mag.	R. A. 1910	Prec. and Sec. Var.	Decl. 1910	Prec. and Sec. Var.	Epoch.	No. Obs.
		M	h m s	s s	° ′ ″	″ ″		
6201	6228	8.4	9 57 34.84	+2.5473+.0094	−37 39 52.8	−17.254−.182	9.9	4
6202	6230	9.3	57 40.98	+2.5479+.0094	−37 39 27.6	−17.258−.182	9.9	4
6203	887	7.9	57 43.68	+0.9355−.0345	−72 21 28.2	−17.260−.062	9.9	4
6204	7838	8.2	57 47.86	+2.7076+.0069	−28 14 35.7	−17.263−.193	9.9	4
6205	7839	9.3	57 48.77	+2.7078+.0069	−28 14 17.2	−17.264−.193	9.9	4
6206	1400	7.8	57 49.97	+1.8306+.0057	−61 19 41.8	−17.265−.128	10.2	4
6207	1632	7.8	58 2.38	+1.9078+.0074	−59 47 34.6	−17.274−.134	9.9	4
6208	6603	7.2	58 4.64	+2.6197+.0085	−33 44 24.1	−17.276−.186	10.2	4
6209	2794	6.5*	58 4.67	+2.0802+.0099	−55 39 46.9	−17.276−.146	10.1	4
6210	1643	7.9	58 11.73	+1.9060+.0074	−59 51 34.9	−17.281−.134	9.9	4
6211	3087	6.5	58 24.41	+2.1774+.0108	−52 55 48.2	−17.290−.153	9.9	4
6212	3041	7.9	58 44.58	+2.1244+.0105	−54 34 7.8	−17.305−.149	10.1	4
6213	8034	6.6	58 47.81	+2.6810+.0075	−30 8 35.7	−17.307−.190	10.1	4
6214	1672	8.3	58 48.76	+1.9198+.0077	−59 40 42.8	−17.308−.134	10.0	5
6215	3041	7.6	58 53.42	+2.1263+.0105	−54 32 48.3	−17.312−.149	10.1	4
6216	2770	6.1	58 54.61	+2.0384+.0096	−56 54 56.7	−17.312−.142	10.1	4
6217	5241	7.7	59 4.03	+2.3139+.0112	−48 25 37.4	−17.319−.162	10.1	4
6218	1686	9.6	59 4.04	+1.9236+.0078	−59 38 35.1	−17.319−.134	10.1	4
6219	1695	6.1	59 8.12	+1.9082+.0075	−59 59 10.7	−17.322−.133	9.9	4
6220	390	8.4	59 12.29*	−1.3748−.3254	−81 24 17.0*	−17.325+.108	10.1	1
6221	6129	7.4	59 17.78	+2.5288+.0099	−38 59 20.0	−17.329−.178	10.1	4
6222	7009	6.7*	59 25.76	+2.6400+.0084	−32 48 10.0	−17.335−.186	10.1	4
6223	2826	7.3	59 27.06	+2.0844+.0102	−55 49 18.2	−17.336−.145	10.0	4
6224	957	7.2	59 31.61	+1.2003−.0188	−70 17 38.2	−17.340−.080	10.0	4
6225	8711	6.7	59 32.89	+2.7616+.0059	−24 52 51.9	−17.340−.195	10.2	4
6226	7639	7.3	59 33.28	+2.7386+.0064	−26 28 26.8	−17.341−.193	10.2	4
6227	5759	6.3	59 46.61	+2.3745+.0112	−46 12 0.4	−17.350−.166	9.9	4
6228	4435	8.6	59 48.25	+2.2275+.0113	−51 37 26.2	−17.352−.155	9.8	4
6229	4436	7.6	59 49.96	+2.2281+.0113	−51 36 41.1	−17.353−.155	9.9	4
6230	1224	7.4	59 52.18	+1.6060−.0006	−65 28 58.7	−17.355−.110	10.2	4
6231	1832	8.9	59 56.31	+1.9861+.0090	−58 23 41.0	−17.358−.138	10.2	4
6232	1431	6.4	10 0 4.49	+1.8311+.0060	−61 43 16.1	−17.364−.126	10.2	4
6233	1752	6.0	0 6.19	+1.9279+.0080	−59 44 34.8	−17.365−.133	9.9	4
6234	8973	5.8	0 11.51	+2.7776+.0056	−23 50 58.2	−17.369−.195	10.4	5
6235	7171	7.3	0 13.07	+2.7187+.0070	−27 56 29.8	−17.370−.190	10.2	4
6236	5490	8.9	0 17.22	+2.3392+.0114	−47 43 13.8	−17.373−.163	10.0	4
6237	1848	8.9	0 23.84	+1.9882+.0091	−58 26 2.3	−17.378−.137	10.2	1
6238	6100	6.4	0 36 12	+2.5234+.0102	−39 32 21.0	−17.387−.176	9.9	9
6239	7179	7.0*	0 43.82	+2.7229+.0069	−27 45 7.4	−17.392−.190	10.1	5
6240	3073	4.7	0 44.49	+2.9237+.0016	−12 37 40.8	−17.393−.204	9.9	12,18
6241	1784	7.4	0 44.81	+1.9326+.0082	−59 45 48.5	−17.393−.133	10.1	4
6242	1441	6.3	0 47.42	+1.8519+.0066	−61 26 52.0	−17.395−.127	10.2	4
6243	5500	6.8	0 50.50	+2.3349+.0115	−48 0 35.0	−17.397−.162	10.1	4
6244	2861	7.9	0 51.25	+2.1076+.0107	−55 28 18.2	−17.398−.145	10.2	4
6245	4447[1]	9.4	1 5.60	+2.2435+.0115	−51 21 49.3	−17.408−.155	10.1	4
6246	4447[2]	7.5	1 5.64	+2.2436+.0116	−51 21 41.0	−17.408−.155	10.1	4
6247	7183	7.0*	1 6.70	+2.7238+.0070	−27 45 35.1	−17.409−.189	10.1	4
6248	6130	6.3	1 21.52	+2.5930+.0094	−35 56 47.1	−17.420−.180	10.1	4
6249	5898	8.6	1 23.07	+2.4306+.0112	−44 9 8.4	−17.421−.168	10.1	4
6250	5585	6.6	1 28.42	+2.4831+.0108	−41 44 4.4	−17.424−.172	10.2	4

6220S.P. $12^{s}.44$, $17^{n}.4$, 9.6, 3.

No.	Name	Mag.	R. A. 1910	Prec. and Sec. Var.	Decl. 1910	Prec. and Sec. Var.	Epoch.	No. Obs.
		M	h m s	s s	° ′ ″	″ ″		
6251	5735[1]	7.5	10 1 29.13	+2.4012+.0114	−45 27 29.6	−17.425−.166	10.1	5
6252	5735[2]	9.0	1 29.67	+2.4012+.0114	−45 27 26.7	−17.425−.166	10.0	4
6253	6405	6.6	1 30.43	+2.6194+.0090	−34 26 41.8	−17.426−.181	10.2	4
6254	4451	7.2	1 31.64	+2.2396+.0116	−51 35 16.5	−17.427−.154	10.0	4
6255	3089	8.1	1 32.47	+2.1462+.0111	−54 30 47.9	−17.427−.147	10.0	4
6256	7040	6.9*	1 35.16	+2.6446+.0086	−32 57 14.8	−17.429−.183	10.3	4
6257	4791	6.6	1 38.12	+2.2612+.0117	−50 52 34.3	−17.431−.155	10.3	4
6258	8169	6.7	1 43.53	+2.6848+.0079	−30 27 11.7	−17.435−.186	10.0	9
6259	7750	9.3	1 48.36	+2.7596+.0062	−25 23 58.3	−17.439−.191	10.2	5
6260	2874	8.2*	1 53.46	+2.1203+.0110	−55 19 46.8	−17.442−.145	10.1	4
6261	2825	6.9	1 54.26	+2.0790+.0106	−56 27 38.2	−17.443−.142	9.9	4
6262	1168	6.9	2 0.23	+1.7106+.0030	−64 12 38.0	−17.447−.115	10.1	4
6263	8182	9.3	2 23.54	+2.6766+.0081	−31 6 37.7	−17.464−.184	10.1	4
6264	2171	3.6	2 25.66	+3.2756−.0129	+17 12 6.7	−17.466−.227	10.1	9,15
6265	5806	5.2	2 37.27	+2.3719+.0118	−46 55 47.5	−17.474−.162	10.0	4
6266	8765	7.2	2 40.55	+2.7773+.0059	−24 16 32.7	−17.476−.191	10.3	4
6267	3290	7.7	2 41.22	+2.1664+.0115	−54 9 14.6	−17.477−.147	10.1	4
6268	4471	6.6	2 45.42	+2.2426+.0118	−51 44 58.1	−17.480−.153	10.2	4
6269	1646	6.9	2 52.58	+1.9062+.0080	−60 44 1.7	−17.485−.128	10.1	4
6270	399	5.6	3 9.93*	−1.4415−.3514	−81 46 45.2*	−17.497+.110	9.9	12
6271	1282	6.8	3 13.44	+1.7710+.0048	−63 23 44.6	−17.500−.118	10.1	4
6272	2987	7.3	3 19.14	+2.8087+.0052	−22 2 59.5	−17.504−.192	9.9	4
6273	4813	7.0	3 26.60	+2.2792+.0120	−50 38 18.2	−17.509−.154	9.9	4
6274	2149	1.3	3 34.84	+3.2155−.0100	+12 24 26.6	−17.515−.220	10.0	66,78
6275	1198	7.3	3 40.01	+1.4760−.0055	−67 51 33.9	−17.518−.097	9.9	4
6276	4485	7.9	3 48.10	+2.2391+.0120	−52 5 42.9	−17.524−.151	10.1	4
6277	3318	7.6	3 52.24	+2.1758+.0118	−54 7 26.2	−17.527−.146	10.1	4
6278	5560	8.0	3 57.55	+2.3506+.0121	−48 5 5.6	−17.531−.159	10.1	4
6279	7980	7.5*	4 1.08	+2.6737+.0084	−31 37 8.0*	−17.533−.182	10.3	4,3
6280	5561	6.7	4 3.12	+2.3578+.0121	−47 49 13.8	−17.535−.159	10.2	4
6281	6156	6.4	4 8.60	+2.5867+.0100	−36 53 35.7	−17.539−.175	9.9	4
6282	1673	7.5	4 10.17	+1.9160+.0084	−60 46 27.9	−17.540−.128	10.2	4
6283	6456	7.2	4 26.36	+2.6276+.0094	−34 34 22.6	−17.551−.178	10.1	4
6284	8212	7.8	4 34.84	+2.6902+.0082	−30 39 41.4	−17.557−.182	10.1	4
6285	7089	8.8	4 52.32	+2.6642+.0088	−32 23 49.2	−17.570−.180	10.3	1
6286	1479	6.6	5 7.59	+1.8759+.0077	−61 46 50.0	−17.580−.124	9.9	4
6287	2703	6.8	5 12.74	+2.0552+.0108	−57 45 25.3	−17.584−.136	10.1	4
6288	966	6.5	5 13.00	+1.2050−.0192	−71 2 12.7	−17.584−.077	9.8	4
6289	2949	7.3	5 15.37	+2.1216+.0116	−55 59 43.4	−17.586−.141	10.1	4
6290	5340	7.8	5 25.42	+2.3506+.0124	−48 24 52.3	−17.593−.157	9.9	4
6291	2953	8.2	5 30.71	+2.1242+.0117	−55 58 42.0	−17.596−.141	10.1	4
6292	4507	5.1	5 31.41	+2.2715+.0124	−51 22 10.3	−17.597−.151	10.2	4
6293	509	7.5	5 32.17	−0.1086−.1417	−78 37 26.0	−17.597+.015	10.0	4
6294	7101	7.5	5 32.76	+2.6663+.0088	−32 24 20.3	−17.598−.179	10.1	4
6295	5576	6.8	5 32.90	+2.3651+.0123	−47 51 55.4	−17.598−.158	10.2	4
6296	6194	6.3	5 39.01	+2.6178+.0097	−35 24 54.2	−17.602−.175	10.0	8
6297	6338	Var.	5 52.36	+2.5864+.0103	−37 17 22.4	−17.611−.173	10.2	4
6298	423	6.6	5 52.91*	−1.0162−.2811	−81 7 38.4*	−17.612+.078	9.7	8
6299	409	7.3	5 57.65*	−1.5068−.3748	−82 4 12.1*	−17.615+.112	9.7	2
6300	665	8.8	6 0.35	+0.7897−.0483	−74 23 36.0	−17.617−.047	10.3	5

6270S.P. $9^s.88$, $45''.8$, 10.1, 9.

6298S.P. $53^s.14$, $38''.7$, 9.8, 6.7, ($51^s.97$).

6299S.P. $57^s.62$, $12''.2$, 9.6, 2.

6279 ($5''.4$).

No.	Name	Mag.	R. A. 1910	Prec. and Sec. Var.	Decl. 1910	Prec. and Sec. Var.	Epoch.	No. Obs.
		M	h m s	s s	° ′ ″	″ ″		
6301	2724	7.6	10 6 0.44	+2.0678+.0112	−57 35 54.2	−17.617−.136	10.2	4
6302	1190	7.4	6 8.73	+1.7023+.0031	−65 4 9.6	−17.623−.111	10.3	4
6303	6252	7.2	6 11.28	+2.4413+.0120	−44 45 8.3	−17.625−.162	10.2	4
6304	1922	8.1	6 11.77	+1.9709+.0097	−59 58 27.1	−17.625−.129	10.0	4
6305	2820	3.8	6 12.00	+2.9382+.0015	−11 54 32.5	−17.625−.197	10.0	5,14
6306	1248	5.4	6 12.07*	+1.6836+.0025	−65 22 27.6*	−17.625−.109	10.0	9
6307	5879	7.2	6 12.81	+2.3898+.0124	−47 0 14.4	−17.626−.158	10.2	4
6308	5811	8.8	6 25.77	+2.4139+.0123	−46 1 35.6	−17.635−.160	10.0	4
6309	1701	Var.	6 29.76	+1.9216+.0089	−61 6 30.5	−17.637−.126	9.8	4
6310	5812	7.9	6 30.57	+2.4297+.0122	−45 20 46.1	−17.638−.161	10.1	4
6311	5601	6.8	6 40.08	+2.3786+.0125	−47 34 14.4	−17.645−.157	10.1	4
6312	5656	8.6	6 45.01	+2.4988+.0116	−42 8 53.5	−17.648−.165	10.1	4
6313	6249	6.8*	6 50.36	+2.5693+.0107	−38 28 4.4	−17.652−.170	10.1	4
6314	5658	6.1	6 50.50	+2.5167+.0114	−41 16 7.4	−17.652−.166	10.1	4
6315	6261	7.2	6 51.12	+2.4422+.0121	−44 51 54.0	−17.652−.161	10.1	4
6316	2750	9.4	7 11.70	+2.0767+.0115	−57 36 59.4	−17.666−.136	10.2	4
6317	1034	6.1	7 16.59	+1.4914−.0048	−68 14 26.0	−17.670−.095	10.2	4
6318	189	7.3	7 30.77*	−7.1526−2.417	−86 28 29.3*	−17.679+.499	9.7	8,7
6319	1319	7.0	7 43.47	+1.7866+.0058	−63 56 27.6	−17.688−.115	9.6	4
6320	6736	6.7	7 49.35	+2.6505+.0095	−33 53 19.0	−17.692−.174	9.8	8
6321	6528	7.0	7 56.26	+2.6349+.0098	−34 52 48.5	−17.697−.173	10.0	4
6322	7266	6.1	7 56.48	+2.7365+.0076	−28 9 41.0	−17.697−.180	10.0	4
6323	1194	7.0	7 56.81	+1.6066−.0001	−66 49 11.2	−17.697−.102	9.9	4
6324	5853	7.0	8 2.79	+2.5382+.0114	−40 25 49.1	−17.701−.166	10.1	4
6325	6198	7.4*	8 6.76	+2.5549+.0111	−39 32 58.2	−17.704−.167	10.1	4
6326	1216	7.5	8 9.32	+1.5674−.0016	−67 23 50.9	−17.706−.100	10.1	4
6327	2780	8.3	8 14.89	+2.0859+.0118	−57 36 2.2	−17.710−.135	9.9	4
6328	5836	8.5*	8 18.11	+2.4422+.0124	−45 12 8.7	−17.712−.159	10.2	4
6329	1496	7.6	8 20.64	+1.9286+.0093	−61 19 25.9	−17.714−.124	10.2	4
6330	7140	7.4	8 25.12	+2.6781+.0090	−32 14 41.2	−17.717−.175	10.1	4
6331	1979	6.2	8 30.09	+2.0575+.0115	−58 23 1.8	−17.720−.133	10.2	4
6332	2781	6.1	8 38.18	+2.0885+.0119	−57 36 57.6	−17.726−.135	10.1	5,4
6333	3261	7.4	8 40.41	+2.1965+.0128	−54 32 23.5	−17.727−.142	10.2	4
6334	7991	7.4	8 42.40	+2.7260+.0080	−29 3 16.1	−17.728−.178	10.2	4
6335	8051	7.1	8 48.78	+2.6820+.0090	−32 4 13.2	−17.733−.175	10.2	4
6336	1222	7.1	8 51.79	+1.5724−.0014	−67 26 51.6	−17.735−.099	10.0	4
6337	1742	7.0	8 54.61	+1.9446+.0097	−61 5 49.0	−17.737−.125	10.2	4
6338	4560	6.4	8 57.33	+2.2838+.0131	−51 43 8.9	−17.739−.148	10.2	4
6339	1988	7.8	9 7.06	+2.0314+.0112	−59 9 28.5	−17.745−.130	10.1	4
6340	7752	6.2	9 10.96	+2.7616+.0072	−26 35 2.5	−17.748−.180	10.2	4
6341	7158	6.4*	9 26.08	+2.6762+.0092	−32 35 14.5	−17.758−.173	10.1	4
6342	5655	7.0	9 28.55	+2.3968+.0130	−47 28 25.0	−17.760−.155	10.2	4
6343	1265	7.5	9 38.28	+1.6994+.0034	−65 44 11.7	−17.766−.107	9.9	4
6344	336	8.6	9 51.41*	−2.4763−.6222	−83 38 48.0*	−17.775+.174	10.2	2
6345	1267	7.6	9 53.31	+1.6955+.0032	−65 50 28.4	−17.776−.107	9.9	4
6346	336	8.1	9 53.88*	−2.4744−.6220	−83 38 48.0*	−17.777+.174	10.2	2
6347	4924	5.5	9 54.24	+2.3157+.0133	−50 47 10.7	−17.777−.148	10.0	4
6348	6222	6.0	9 55.96	+2.5563+.0115	−39 53 59.7	−17.778−.164	10.2	4
6349	9119	6.7	9 56.34	+2.8058+.0061	−23 22 3.9	−17.778−.181	10.2	4
6350	1974	6.4	9 58.53	+2.0259+.0113	−59 28 19.4	−17.780−.129	10.1	4

6306S.P. $12^s.12$, $28''.9$, 10.2, 5.

6318S.P. $30^s.89$, $30''.0$, 9.8, 6.

6344S.P. $51^s.86$ $48''.4$, 9.6, 1.

6346S.P. $54^s.09$, $46''.7$, 9.6, 3.

No.	Name	Mag.	R. A. 1910	Prec. and Sec. Var.	Decl. 1910	Prec. and Sec. Var.	Epoch.	No. Obs.
		M	h m s	s s	° ′ ″	″ ″		
6351	4578	6.0	10 10 0.71	+2.3021+.0134	-51 18 35.5	-17.782-.147	10.2	4
6352	6225	6.3	10 6.13	+2.5577+.0115	-39 51 50.0	-17.785-.164	10.2	4
6353	3066	6.4	10 8.20	+2.1539+.0128	-56 8 25.6	-17.787-.137	10.2	4
6354	1212	7.1	10 18.24	+1.7692+.0056	-64 43 13.8	-17.793-.111	10.0	4
6355	6068	7.5	10 18.81	+2.4855+.0124	-43 38 43.4	-17.794-.159	10.2	4
6356	6302	6.6*	10 20.92	+2.5804+.0112	-38 39 23.0	-17.795-.166	10.2	4
6357	3372	7.6	10 21.24	+2.2621+.0134	-52 47 39.6	-17.795-.144	10.3	4
6358	6305	8.2	10 24.52	+2.5847+.0111	-38 25 17.4	-17.798-.166	10.1	4
6359	1517	6.5	10 25.21	+1.9534+.0101	-61 12 44.5	-17.798-.123	10.3	4
6360	1519	8.7	10 29.16	+1.9138+.0093	-62 3 35.1	-17.801-.121	10.2	4
6361	6059	7.1	10 34.77	+2.5125+.0122	-42 21 41.7	-17.804-.161	10.2	4
6362	3325	7.6	10 46.65	+2.2116+.0133	-54 32 48.4	-17.812-.140	10.2	4
6363	5713	4.1	10 57.37	+2.5276+.0120	-41 40 32.9	-17.820-.161	9.9	17
6364	1273	5.4	10 57.84*	+1.7025+.0036	-65 55 34.4*	-17.820-.106	10.2	9
6365	4592	7.2	11 0.25	+2.3069+.0136	-51 22 1.3	-17.821-.146	10.3	4
6366	5716	6.6*	11 2.40	+2.5355+.0120	-41 16 45.9	-17.823-.162	10.1	4
6367	5717	6.8	11 6.25	+2.5233+.0121	-41 56 8.7	-17.825-.161	10.0	4
6368	6082	6.6	11 16.96	+2.4826+.0126	-44 1 12.9	-17.833-.158	10.2	4
6369	5722	7.9	11 23.99	+2.5252+.0122	-41 54 33.5	-17.837-.160	10.2	4
6370	6260	6.2	11 24.13	+2.6283+.0105	-36 4 12.2	-17.837-.167	10.2	4
6371	1239	7.0	11 26.02	+1.5925-.0004	-67 36 45.4	-17.839-.098	10.1	4
6372	640	7.8	11 28.54	+0.6936-.0593	-75 37 49.7	-17.840-.038	10.1	4
6373	1178	3.6	11 35.99*	+1.4363-.0074	-69 35 27.0*	-17.845-.088	10.1	21
6374	2005	3.5	11 40.39	+3.6471-.0382	+43 21 51.0	-17.848-.234	10.3	9
6375	2209	3.6	11 41.24	+3.3417-.0173	+23 51 58.1	-17.849-.214	10.1	20,25
6376	6074	5.8	11 44.78	+2.5122+.0124	-42 39 46.4	-17.851-.159	10.0	4
6377	3404	9.1	11 45.84	+2.2720+.0137	-52 47 10.3	-17.852-.143	10.2	4
6378	3352	6.7	11 49.44	+2.2014+.0135	-55 6 5.6	-17.854-.138	10.2	4
6379	7888	8.6	11 51.36	+2.7743+.0072	-26 8 48.2	-17.855-.176	10.3	4
6380	3118	7.3	11 51.75	+2.1982+.0135	-55 12 33.4	-17.856-.138	10.2	4
6381	3356	6.5	11 56.36	+2.2207+.0136	-54 31 34.0	-17.859-.139	10.2	4
6382	7328	7.3	11 57.91	+2.7476+.0080	-28 10 1.4	-17.860-.174	10.1	4
6383	3123	8.1	11 59.46	+2.1982+.0135	-55 14 28.9	-17.861-.138	10.2	4
6384	6095	9.8	12 8.81	+2.4916+.0127	-43 47 23.6	-17.867-.157	10.2	4
6385	4966	8.1	12 9.90	+2.3294+.0138	-50 48 30.3	-17.868-.146	9.9	4
6386	6096	8.6	12 10.34	+2.4918+.0127	-43 47 26.3	-17.868-.157	10.2	4
6387	8041	7.7	12 11.68	+2.7432+.0081	-28 31 45.5	-17.869-.174	10.2	4
6388	5095	7.2	12 15.63	+2.3580+.0137	-49 43 43.4	-17.871-.148	10.2	4
6389	3420	7.6	12 19.85	+2.2927+.0138	-52 11 43.5	-17.874-.144	10.1	4
6390	3422	7.9	12 21.74	+2.2926+.0138	-52 12 17.2	-17.876-.144	10.1	4
6391	1209	7.7	12 36.27	+1.6617+.0023	-66 50 16.1	-17.885-.102	10.3	4
6392	1553	7.4	12 37.46	+1.9333+.0101	-62 5 18.5	-17.886-.120	10.3	4
6393	3382	7.0*	12 37.84	+2.2084+.0137	-55 4 16.4	-17.886-.138	10.2	4
6394	3539	9.9	12 44.31	+2.2383+.0138	-54 8 46.7	-17.890-.140	10.3	4
6395	5100	8.3	12 47.92	+2.3741+.0138	-49 12 52.0	-17.893-.148	10.1	4
6396	6822	7.3*	12 51.07	+2.6712+.0099	-33 40 41.4	-17.895-.168	10.2	4
6397	2008	6.4	12 58.41	+2.0530+.0123	-59 27 16.6	-17.900-.127	10.0	4
6398	3001	5.4	13 9.46	+2.9922+.0000	- 7 37 9.2	-17.907-.188	9.7	4
6399	4990	6.4	13 9.59	+2.3372+.0140	-50 45 19.8	-17.907-.146	9.9	4
6400	3562	10.3	13 29.87	+2.2476+.0140	-54 1 9.4*	-17.920-.139	9.9	4

6364 S.P. $57^{s}.88$, $36''.1$, 9.9, 6.

6373 S.P. $35^{s}.97$, $27''.5$, 10.0, 8; $35^{s}.51$ included.

6400 $9''.6$, $9''.9$, $10''.7$, $7''.5$.

No.	Name	Mag.	R. A. 1910	Prec. and Sec. Var.	Decl. 1910	Prec. and Sec. Var.	Epoch.	No. Obs.
		M	h m s	s s	° ′ ″	″ ″		
6401	95	7.5	10 13 33.12*	-33.291-36.75	-89 3 24.7*	-17.922+2.18	10.3	2
6402	5987	6.7	13 39.80	+2.4448+.0135	-46 23 6.0	-17.927-.152	10.1	4
6403	1563	8.5	13 44.15	+1.9552+.0108	-61 51 24.6	-17.930-.120	10.2	4
6404	529	7.6	13 51.68	+0.1234-.1234	-78 33 19.8	-17.934-.000	10.2	4
6405	8070	5.6	13 59.99	+2.7482+.0083	-28 32 30.5	-17.940-.171	10.1	15
6406	5748	7.4	14 0.72	+2.4111+.0139	-47 58 4.1	-17.940-.149	9.9	4
6407	1817	3.4	14 4.57	+2.0027+.0117	-60 52 56.6	-17.943-.123	10.0	8
6408	6277	8.4	14 13.95	+2.5769+.0120	-39 47 19.0	-17.949-.160	10.1	4
6409	6369	9.0	14 27.30	+2.4760+.0134	-45 7 21.1	-17.958-.153	10.2	4
6410	5765	6.3	14 38.16	+2.5531+.0124	-41 13 3.4	-17.965-.158	10.0	4
6411	5024	8.0	14 39.45	+2.3566+.0142	-50 22 23.6	-17.965-.145	10.1	4
6412	8147	9.2	14 39.68	+2.7119+.0093	-31 18 33.0	-17.966-.168	10.3	4
6413	6281	6.4	14 40.36	+2.6362+.0110	-36 21 13.7	-17.966-.163	10.0	4
6414	1238	6.8	14 49.04	+1.8041+.0072	-64 58 43.6	-17.972-.109	10.0	4
6415	6377	9.3	14 51.54	+2.4850+.0134	-44 47 29.6	-17.973-.153	10.1	4
6416	8081	8.3	14 59.06	+2.7514+.0083	-28 30 31.5	-17.978-.170	10.1	4
6417	2467[1]	2.6	15 0.78	+3.2911-.0147	+20 17 49.4	-17.979-.204	10.0	37,39
6418	2467[2]	3.8	15 1.00	+3.2911-.0147	+20 17 47.4	-17.979-.204	9.8	5
6419	4652	7.5	15 3.35	+2.3352+.0144	-51 17 40.9	-17.981-.143	10.1	4
6420	6863	6.8*	15 10.11	+2.6719+.0103	-34 9 56.4	-17.985-.164	9.8	4
6421	3220	6.1	15 21.00	+2.2100+.0143	-55 39 42.3	-17.992-.134	9.9	4
6422	3222	7.9	15 28.38	+2.2135+.0143	-55 34 52.5	-17.997-.134	10.1	4
6423	5046	7.2	15 29.27	+2.3645+.0144	-50 15 52.6	-17.998-.144	10.1	4
6424	3229	7.2	15 42.75	+2.2157+.0144	-55 34 10.1	-18.006-.134	10.1	4
6425	5959	7.8	15 45.41	+2.4814+.0136	-45 11 41.3	-18.008-.151	10.2	4
6426	7252	7.6	16 10.61	+2.6974+.0099	-32 40 35.5	-18.024-.164	10.1	4
6427	6302	7.3	16 11.34	+2.5947+.0121	-39 15 0.6	-18.024-.158	10.1	4
6428	5782	6.9	16 11.94	+2.4341+.0142	-47 30 30.6	-18.025-.148	10.1	4
6429	3474	4.6	16 13.76	+2.2506+.0146	-54 34 37.4	-18.026-.136	10.0	4
6430	1248	6.2	16 17.34	+1.8625+.0091	-64 13 27.5	-18.028-.111	10.0	4
6431	5055	6.9	16 20.67	+2.3483+.0147	-51 6 56.7	-18.030-.142	10.2	4
6432	2095	7.2	16 30.05	+2.1135+.0138	-58 41 36.7	-18.036-.127	10.1	4
6433	8175	6.7*	16 30.14	+2.7171+.0095	-31 21 42.9	-18.036-.165	10.1	4
6434	1584	8.5	16 34.47	+1.9881+.0119	-61 44 35.1	-18.039-.119	10.2	4
6435	5790	5.6	16 36.37	+2.4423+.0142	-47 14 47.0	-18.040-.148	10.1	4
6436	3141	7.6	16 36.62	+2.1735+.0143	-57 3 17.0	-18.040-.130	10.0	4
6437	1250	6.6	16 55.86	+1.8444+.0087	-64 41 4.3	-18.053-.109	10.2	4
6438	2115	3.2	16 58.31	+3.5946-.0358	+41 57 8.6	-18.054-.220	10.3	12
6439	6153	7.3	16 59.24	+2.5420+.0131	-42 25 8.4	-18.055-.153	10.0	4
6440	2052	7.9	16 59.40	+2.0894+.0136	-59 25 56.5	-18.055-.125	10.3	4
6441	2054	7.8	17 2.20	+2.0988+.0137	-59 12 19.6	-18.057-.125	10.3	4
6442	6027	6.4	17 7.20	+2.4481+.0142	-47 6 44.9	-18.060-.147	10.0	4
6443	8992	6.9	17 9.02	+2.8031+.0072	-24 55 10.0	-18.061-.170	10.2	4
6444	4680	8.0	17 9.89	+2.3510+.0148	-51 13 5.4	-18.062-.141	10.2	4
6445	2904	6.5	17 14.51	+2.8235+.0066	-23 15 27.8	-18.065-.171	10.2	4
6446	3159	7.8	17 19.41	+2.1907+.0146	-56 42 59.7	-18.068-.131	10.3	4
6447	5961	9.2	17 20.05	+2.5756+.0126	-40 38 42.4	-18.068-.155	10.3	4
6448	3045	6.4	17 20.50	+2.8378+.0061	-22 4 29.6	-18.068-.172	10.2	4
6449	2061	7.8	17 22.21	+2.1025+.0138	-59 10 58.9	-18.069-.125	10.0	4
6450	8292	7.7	17 25.18	+2.7455+.0089	-29 29 4.6	-18.071-.166	10.3	4

6401S.P. 31^{s}98, 24$^{''}$.4, 9.6, 2.

No.	Name	Mag.	R. A. 1910	Prec. and Sec. Var.	Decl. 1910	Prec. and Sec. Var.	Epoch.	No. Obs.
		M	h m s	s s	° ′ ″	″ ″		
6451	1226$_1$	7.2	10 17 27.88	+1.7291+.0052	−66 42 54.0	−18.073−.101	10.3	4
6452	3286^1	9.8	17 32.93	+2.2288+.0149	−55 35 59.5	−18.076−.133	10.2	4
6453	3286^2	4.6	17 33.70	+2.2292+.0149	−55 35 22.9	−18.077−.133	10.1	9
6454	3286^3	8.7	17 34.52	+2.2293+.0149	−55 35 24.0	−18.077−.133	10.2	5
6455	1305	7.6	17 36.88	+1.7991+.0075	−65 36 38.7	−18.079−.106	10.2	4
6456	4690	8.8	17 39.02	+2.3522+.0150	−51 17 42.4	−18.080−.140	10.1	5
6457	4691	8.3	17 41.49	+2.3534+.0150	−51 15 38.8	−18.082−.140	10.2	3
6458	4693	8.1	17 47.52	+2.3533+.0150	−51 17 15.3	−18.085−.140	10.2	5
6459	4695	9.5	17 52.95	+2.3540+.0150	−51 16 58.9	−18.089−.140	10.2	1
6460	3035	7.3	17 54.31	+2.1499+.0144	−58 1 48.4	−18.090−.127	10.1	4
6461	8124	7.3	18 13.91	+2.7529+.0088	−29 6 10.2	−18.102−.165	9.8	4
6462	1231	8.6	18 14.66	+1.7154+.0048	−67 4 19.4	−18.102−.100	10.0	4
6463	1232	8.6	18 15.52	+1.7159+.0048	−67 4 0.4	−18.103−.100	10.0	4
6464	5809	5.0	18 27.86	+2.5710+.0130	−41 11 48.9	−18.111−.153	9.8	8
6465	1043	8.8	18 28.87	+1.4367−.0075	−70 42 5.9	−18.111−.082	10.3	2
6466	1252	7.6	18 30.22	+1.8587+.0094	−64 44 30.3	−18.112−.108	9.9	4
6467	5576	7.7	18 30.80	+2.4175+.0148	−48 50 20.6	−18.112−.143	10.1	4
6468	1044	8.6	18 31.61	+1.4380−.0074	−70 41 40.9	−18.113−.082	10.0	5
6469	5825	7.3	18 41.30	+2.4482+.0146	−47 31 0.6	−18.119−.145	10.0	4
6470	9246	6.7*	18 45.05	+2.8196+.0069	−23 52 41.4	−18.121−.168	10.1	4
6471	2911	6.1	18 53.55	+3.0364−.0015	− 3 37 8.4	−18.127−.181	10.0	5
6472	3529	8.0	18 54.02	+2.2697+.0153	−54 35 51.1	−18.127−.134	10.0	4
6473	3069	6.5	18 55.43	+2.1662+.0148	−57 48 41.9	−18.128−.127	10.0	4
6474	3075	9.7	19 3.05	+2.1669+.0148	−57 49 21.5	−18.133−.127	10.2	4
6475	1606	7.5	19 4.32	+2.0279+.0132	−61 23 41.7	−18.133−.118	10.2	4
6476	8306	6.3	19 5.43	+2.7475+.0091	−29 42 24.1	−18.134−.163	10.2	4
6477	2080	7.9	19 10.12	+2.1139+.0144	−59 18 2.0	−18.137−.124	10.3	4
6478	6186	8.3	19 16.11	+2.5487+.0135	−42 38 52.4	−18.141−.150	10.1	4
6479	5988	7.3*	19 23.20	+2.5918+.0128	−40 14 24.4	−18.145−.153	10.2	4
6480	5205	7.2	19 31.27	+2.3947+.0152	−50 4 21.2	−18.150−.140	10.2	4
6481	6509	5.4	19 32.70	+2.6365+.0119	−37 33 10.3	−18.151−.155	10.1	10
6482	1612	7.9	19 34.90	+2.0231+.0132	−61 37 4.4	−18.152−.117	10.2	4
6483	2145	6.6	19 42.17	+2.1236+.0146	−59 10 8.7	−18.157−.123	10.1	4
6484	8316	6.9	19 47.07	+2.7563+.0090	−29 11 31.4	−18.160−.162	10.2	4
6485	5210	8.0	19 49.09	+2.4008+.0152	−49 53 38.9	−18.161−.140	10.1	4
6486	5833	6.4	19 49.44	+2.5720+.0132	−41 29 51.8	−18.161−.151	10.0	4
6487	1873	8.6	19 49.48	+2.0842+.0141	−60 12 51.6	−18.161−.121	10.1	4
6488	9258	7.0	20 2.02	+2.8193+.0071	−24 9 7.8	−18.169−.166	10.0	4
6489	396	6.7	20 11.66*	−1.1848−.3634	−82 27 24.5*	−18.175+.081	10.2	2
6490	1243	5.3	20 17.94*	+1.7806+.0073	−66 26 45.8*	−18.179−.102	10.0	9
6491	1622	8.3	20 18.50	+2.0456+.0137	−61 15 39.1	−18.179−.118	9.9	4
6492	6197	8.3	20 22.15	+2.5606+.0135	−42 17 16.3	−18.182−.150	9.8	4
6493	2159	7.2	20 29.29	+2.1460+.0150	−58 45 2.7	−18.186−.124	10.1	4
6494	3127	6.4*	20 33.02	+2.1906+.0154	−57 29 50.2	−18.188−.126	10.0	4
6495	6006	8.0	20 40.72	+2.5901+.0131	−40 41 4.6	−18.193−.151	10.1	4
6496	2163	8.5	20 42.16	+2.1366+.0150	−59 3 25.5	−18.194−.123	10.1	4
6497	6528$_1$	10.0	20 58.11	+2.6378+.0122	−37 50 27.1	−18.203−.153	9.7	2
6498	6528^2	6.9	20 59.12	+2.6377+.0122	−37 50 46.3	−18.204−.153	9.9	4
6499	3758	6.8	21 11.37	+2.3076+.0159	−53 51 54.0	−18.212−.133	9.9	4
6500	2101	7.0	21 14.38	+2.1159+.0149	−59 44 5.1	−18.213−.121	10.0	4

6489S.P. $11^s.37$, $24''.9$, 9.6, 2.

6490S.P. $18^s.11$, $46''.6$, 9.7, 4.

No.	Name	Mag.	R. A. 1910	Prec. and Sec. Var.	Decl. 1910	Prec. and Sec. Var.	Epoch.	No. Obs.
		M	h m s	s s	° ′ ″	″ ″		
6501	8164	6.8	10 21 14.72	+2.7664+.0090	−28 44 12.4	−18.214−.161	10.0	4
6502	432	7.4*	21 15.00*	−0.5307−.2372	−81 11 39.4*	−18.214+.040	10.1	3
6503	1890	7.8	21 16.83	+2.0619+.0142	−61 5 43.3	−18.215−.118	10.2	4
6504	5850	6.3	21 25.30	+2.5706+.0136	−42 0 35.3	−18.220−.148	10.2	4
6505	5235	6.9	21 27.94	+2.4169+.0155	−49 38 56.3	−18.222−.139	10.2	4
6506	1320	8.0	21 39.99	+1.7186+.0054	−67 40 22.9	−18.229−.096	10.0	4
6507	3164	6.2	21 43.53	+2.1792+.0156	−58 7 9.0	−18.231−.124	10.2	4
6508	3052	4.1	21 44.21	+2.9092+.0042	−16 22 35.8	−18.232−.169	10.0	30,39
6509	2182	7.0	22 0.37	+2.1712+.0156	−58 24 54.3	−18.241−.124	10.0	4
6510	2185	8.5	22 8.04	+2.1716+.0156	−58 26 2.1	−18.246−.123	9.3	1
6511	6222	6.3	22 18.68	+2.5701+.0138	−42 16 46.1	−18.252−.147	10.1	4
6512	3624	7.2	22 19.39	+2.2970+.0162	−54 31 55.7	−18.253−.131	10.2	4
6513	6486	7.8	22 23.76	+2.5190+.0146	−45 4 23.9	−18.255−.144	10.2	4
6514	6487	7.4	22 24.11	+2.5184+.0147	−45 6 23.2	−18.256−.144	10.2	4
6515	6472	6.9	22 28.81	+2.6273+.0128	−38 54 13.2	−18.258−.150	10.0	4
6516	6225	8.3	22 34.26	+2.5595+.0141	−42 56 43.3	−18.262−.146	9.9	4
6517	6969	8.2	22 35.61	+2.7116+.0108	−33 13 28.8	−18.263−.155	10.1	4
6518	733	4.1	22 36.70*	+1.2038−.0222	−73 34 24.6*	−18.263−.065	10.0	17
6519	2080	4.4	22 40.97	+3.4900−.0294	+37 10 6.7	−18.266−.202	10.2	10
6520	3793	7.0	22 45.25	+2.3308+.0163	−53 26 0.1	−18.268−.132	10.1	4
6521	735	6.3	22 56.44	+1.2168−.0213	−73 30 51.3	−18.275−.065	9.9	4
6522	5895	6.6	23 0.02	+2.4798+.0153	−47 11 59.8	−18.277−.141	9.7	4
6523	8465	4.4	23 1.93	+2.7479+.0098	−30 36 33.4*	−18.278−.157	10.2	23,21
6524	6030	8.2	23 9.66	+2.6012+.0134	−40 41 42.5	−18.283−.148	9.9	4
6525	1577	7.5	23 12.89	+2.0049+.0136	−62 50 24.7	−18.285−.112	10.0	4
6526	5873	7.1	23 16.77	+2.5866+.0137	−41 35 37.2	−18.287−.147	9.9	4
6527	3651	5.6	23 20.66	+2.3079+.0165	−54 25 6.9	−18.290−.130	10.2	4
6528	3343	7.4	23 34.56	+2.2272+.0164	−57 8 53.0	−18.298−.125	9.9	4
6529	2135	9.2	23 36.18	+2.1567+.0159	−59 12 38.1	−18.299−.121	9.9	4
6530	6982	7.5	23 44.62	+2.7058+.0111	−33 56 21.0	−18.304−.153	10.1	4
6531	6279	8.1	23 45.63	+2.5454+.0146	−44 3 16.1	−18.304−.144	10.1	4
6532	1411	7.6	23 47.64	+1.9611+.0129	−63 53 34.4*	−18.306−.109	10.2	4
6533	6280	7.1*	23 51.33	+2.5490+.0145	−43 52 57.9	−18.308−.144	9.9	4
6534	3256	4.9	24 3.15	+2.2302+.0165	−57 10 46.0	−18.315−.124	9.9	4
6535	1659	7.8	24 4.46	+2.0697+.0150	−61 33 27.2	−18.315−.115	10.1	4
6536	5882	8.1	24 5.37	+2.5912+.0138	−41 33 0.6	−18.316−.146	9.9	4
6537	5654	8.4	24 17.24	+2.4531+.0159	−48 48 35.9	−18.323−.137	10.1	4
6538	5655	6.0	24 20.68	+2.4506+.0160	−48 56 40.9	−18.325−.137	10.1	4
6539	1588	8.5	24 29.25	+2.0079+.0140	−63 3 49.5	−18.330−.111	10.2	5
6540	1589	7.0	24 31.70	+2.0309+.0144	−62 33 48.7	−18.332−.112	10.2	4
6541	2227	4.1	24 34.38	+2.1981+.0164	−58 16 46.7	−18.333−.122	9.9	10
6542	1354	6.2	24 34.98*	+1.9004+.0116	−65 14 44.0*	−18.334−.104	10.1	13
6543	3386	6.9	24 39.84	+2.2492+.0167	−56 44 18.5	−18.336−.125	9.9	4
6544	959	6.7	24 49.88	+1.3406−.0134	−72 42 31.9	−18.342−.071	10.2	4
6545	6294	6.8	24 51.39	+2.5632+.0145	−43 22 43.1	−18.343−.143	9.9	4
6546	611	8.2	25 6.49	+0.5126−.0886	−78 8 19.6	−18.352−.022	10.2	4
6547	6577	7.2	25 7.10	+2.6585+.0126	−37 35 54.2	−18.352−.148	9.9	4
6548	1595	6.7	25 15.03	+2.0321+.0146	−62 42 15.8	−18.357−.111	10.1	4
6549	5670	8.0	25 16.59	+2.4652+.0160	−48 31 40.9	−18.358−.136	10.1	4
6550	8381	5.8	25 19.44	+2.7726+.0095	−29 12 11.6	−18.360−.154	10.0	4

6502 S.P. $14^s.75$, $37''.9$, 9.5, 1.

6542 S.P. $34^s.92$, $46''.3$, 9.7, 8.

6532 $35''.3$, $33''.0$, $34''.6$, $34''.8$.

6518 S.P. $36^s.86$, $24''.8$, 9.8, 9; $22''.9$ $27''.7$ included.

6523 ($31''.3$).

No.	Name	Mag.	R. A. 1910	Prec. and Sec. Var.	Decl. 1910	Prec. and Sec. Var.	Epoch.	No. Obs.
		M	h m s	s s	° ′ ″	″ ″		
6551	7389	7.8	10 25 23.49	+2.7250+.0110	-32 56 51.7	-18.362-.152	10.1	4
6552	5674	9.0	25 24.51	+2.4671+.0161	-48 28 41.2	-18.363-.136	10.1	4
6553	3413	7.2	25 24.60	+2.2542+.0170	-56 46 22.5	-18.363-.124	9.9	4
6554	8383	5.6	25 26.65	+2.7613+.0099	-30 8 46.6	-18.364-.154	9.7	8
6555	1925	7.8	25 37.08	+2.1296+.0161	-60 26 2.6	-18.370-.116	9.9	4
6556	6304	8.6	25 38.38	+2.5561+.0149	-43 59 48.3	-18.371-.141	10.2	4
6557	1676	9.4	25 40.40	+2.0616+.0152	-62 7 40.7	-18.372-.112	9.9	4
6558	1677	8.8	25 42.50	+2.0621+.0152	-62 7 24.2	-18.373-.112	9.9	4
6559	1678	8.3	25 43.26	+2.0638+.0153	-62 5 17.7	-18.374-.112	10.1	4
6560	2245	7.8	25 49.47	+2.1788+.0166	-59 9 2.2	-18.377-.119	10.0	4
6561	1440	5.2	25 52.97	+1.9925+.0140	-63 42 41.5	-18.379-.108	10.1	4
6562	1310	6.5	26 7.28	+1.9458+.0130	-64 42 57.6	-18.388-.105	10.1	4
6563	3740	7.5	26 24.68	+2.3281+.0173	-54 30 59.1	-18.398-.127	9.7	4
6564	8084	6.4	26 38.14	+2.8140+.0084	-26 1 20.0	-18.405-.155	10.0	4
6565	1612	8.4	26 52.52	+2.0685+.0156	-62 15 4.1	-18.414-.111	9.8	4
6566	3448	6.8*	26 57.32	+2.2716+.0174	-56 36 55.9	-18.416-.123	9.9	4
6567	1694	8.9	27 3.97	+2.0799+.0159	-62 1 39.3	-18.420-.112	10.2	4
6568	6324	6.9	27 5.82	+2.5653+.0151	-43 54 19.9	-18.421-.140	9.9	4
6569	2354	9.5	27 6.77	+3.0690-.0027	- 0 22 36.5	-18.422-.168	10.4	1
6570	5921	8.3	27 11.63	+2.6025+.0144	-41 45 30.0	-18.425-.142	10.2	4
6571	3899	7.9	27 12.35	+2.3474+.0174	-54 1 9.1	-18.425-.127	10.2	4
6572	5923	7.4	27 18.56	+2.6029+.0144	-41 46 0.4	-18.429-.141	10.2	4
6573	3902	8.4	27 18.62	+2.3605+.0174	-53 33 3.9	-18.429-.128	10.1	4
6574	1291	6.4	27 21.05	+1.8623+.0111	-66 31 21.9	-18.430-.099	10.2	4
6575	3456	8.0	27 23.25	+2.2591+.0175	-57 8 14.0	-18.431-.122	10.2	4
6576	6783	7.2	27 26.01	+2.7093+.0118	-34 39 50.6	-18.433-.147	10.1	4
6577	1945	6.4	27 26.94	+2.1293+.0166	-60 53 40.0	-18.434-.114	10.0	4
6578	509	9.5	27 31.71	+0.2980-.1187	-79 17 27.0	-18.436-.009	10.3	4
6579	7503	6.0	27 37.14	+2.7964+.0092	-27 46 27.6	-18.439-.152	9.9	4
6580	2268	8.7	27 42.03	+2.2262+.0175	-58 14 43.0	-18.442-.119	10.2	4
6581	1108	7.1	27 44.47	+1.6000+.0010	-70 25 35.9	-18.444-.084	10.3	4
6582	3366	8.3	27 45.83	+2.2481+.0176	-57 35 12.0	-18.444-.120	10.2	4
6583	3909	5.1	27 51.87	+2.3721+.0175	-53 15 28.8	-18.448-.127	10.2	4
6584	6335	7.3	27 52.29	+2.5672+.0152	-44 1 19.5	-18.448-.138	10.2	4
6585	3909	8.8	27 55.70	+2.3725+.0175	-53 15 26.1	-18.450-.127	10.2	4
6586	1034	4.9	28 3.89*	+1.5102-.0035	-71 31 46.9*	-18.455-.078	10.1	8
6587	2166	3.8	28 4.40	+3.1624-.0079	+ 9 46 11.8	-18.455-.172	10.0	30,40
6588	6582	6.5	28 5.80	+2.5580+.0154	-44 36 24.0	-18.456-.138	10.1	4
6589	6583	6.2	28 6.61	+2.5581+.0154	-44 36 13.4	-18.456-.138	10.1	4
6590	2939	7.4	28 8.06	+2.8497+.0073	-23 8 19.5	-18.457-.154	10.3	4
6591	4825	7.3	28 14.24	+2.4113+.0174	-51 46 7.5	-18.461-.129	10.2	4
6592	240	7.8	28 21.86*	-4.5573-1.599	-86 5 57.2*	-18.465+.266	10.2	3
6593	1375	7.6	28 22.29	+1.8327+.0104	-67 14 22.8	-18.465-.096	10.3	4
6594	1184	7.7	28 29.29	+1.7580+.0078	-68 26 3.5	-18.469-.092	10.2	4
6595	3091	6.9	28 36.90	+2.8622+.0069	-22 3 50.4	-18.473-.154	10.2	4
6596	6347	6.0	28 41.84	+2.5692+.0154	-44 9 15.9	-18.476-.137	10.2	4
6597	6348	9.8	28 43.09	+2.5708+.0154	-44 3 58.3	-18.477-.137	10.0	1
6598	7439	8.2	28 43.85	+2.7372+.0113	-32 54 20.8	-18.477-.147	10.2	4
6599	462	7.5	28 45.91	-0.0550-.1736	-80 35 41.4	-18.478+.011	9.7	4
6600	1465	7.7	28 46.99	+2.0347+.0156	-63 28 37.8	-18.479-.107	10.2	4

6586S.P. $3^{s}.97$, $46''.6$, 10.1, 10.

6592S.P. $21^{s}.49$, 9.5, 1.

No.	Name	Mag.	R. A. 1910	Prec. and Sec. Var.	Decl. 1910	Prec. and Sec. Var.	Epoch.	No. Obs.
		M	h m s	s s	° ′ ″	″ ″		
6601	1704	3.6	10 28 49.32	+2.1299+.0170	−61 13 19.8	−18.480−.112	10.1	17
6602	6312	7.8	28 53.18	+2.5872+.0151	−43 9 50.2	−18.483−.138	9.9	4
6603	2197	8.8	28 54.96	+2.1984+.0176	−59 23 7.6	−18.484−.116	10.2	4
6604	981	4.9	28 56.22*	+1.4062−.0096	−72 45 31.2*	−18.484−.071	10.0	9
6605	3397	9.0	28 58.63	+2.2426+.0179	−58 4 56.1	−18.486−.119	10.3	4
6606	6205	5.1	29 8.85	+2.5280+.0162	−46 32 22.7	−18.491−.134	10.2	4
6607	2198	8.0	29 9.13	+2.2000+.0177	−59 24 6.9	−18.492−.116	10.2	4
6608	355	8.6	29 15.99	−1.7399−.5493	−83 53 14.8	−18.495+.106	10.0	4
6609	2285	6.2	29 25.28	+2.2426+.0180	−58 12 9.9	−18.500−.118	10.2	5
6610	6488	6.7*	29 32.31	+2.6448+.0140	−39 46 24.2	−18.505−.140	10.2	4
6611	8002	7.7	29 38.02	+2.8122+.0090	−26 53 4.7	−18.508−.150	10.1	4
6612	2208	7.5	29 39.62	+2.1960+.0178	−59 38 58.1	−18.509−.115	10.2	4
6613	5975	9.0	29 40.62	+2.5146+.0166	−47 23 41.6	−18.509−.133	10.3	4
6614	517	9.2	29 43.03	+0.3565−.1137	−79 18 20.4	−18.511−.012	10.0	4
6615	3795	6.6	29 43.66	+2.3421+.0182	−54 55 21.5	−18.511−.123	10.3	4
6616	2946	5.3	29 43.94	+2.8518+.0075	−23 16 52.1	−18.511−.152	10.2	12
6617	6219	7.2	29 44.00	+2.5319+.0163	−46 30 42.2	−18.511−.134	10.1	4
6618	3797	7.8	29 45.18*	+2.3425+.0182	−54 54 58.8*	−18.512−.123	10.2	3
6619	2210	8.7	29 47.44	+2.2088+.0180	−59 18 53.4	−18.513−.116	10.2	4
6620	3423	Var.	29 48.01	+2.2616+.0182	−57 42 22.4	−18.513−.119	10.2	4
6621	2212	9.3	29 54.60	+2.2104+.0180	−59 17 59.6	−18.517−.116	10.2	4
6622	3431	6.2	30 1.00	+2.2629+.0183	−57 43 33.4	−18.521−.118	10.1	4
6623	2295	7.3	30 6.63	+2.2239+.0181	−58 57 16.7	−18.524−.116	10.1	4
6624	6485	7.0	30 14.48	+2.6892+.0130	−36 55 19.0	−18.528−.141	9.8	4
6625	6489	8.4	30 28.78	+2.6906+.0130	−36 53 22.9	−18.536−.141	10.0	4
6626	1339	8.2*	30 29.40	+1.9862+.0150	−64 54 13.8*	−18.536−.102	9.8	4,3
6627	7081	8.4	30 33.26	+2.7386+.0116	−33 17 58.9	−18.539−.144	10.0	4
6628	8546	7.2	30 38.82	+2.7688+.0107	−30 52 44.4	−18.542−.146	10.1	4
6629	2952	6.2	30 40.62	+2.8600+.0073	−22 42 42.5	−18.543−.150	10.2	4
6630	1983	6.4	30 56.19	+2.1767+.0181	−60 31 20.6	−18.551−.112	10.1	4
6631	359	8.6	31 0.28*	−1.4931−.4925	−83 40 32.9*	−18.554+.090	9.9	3
6632	1643	8.6	31 7.14	+2.1121+.0174	−62 14 45.0	−18.557−.108	10.0	4
6633	6579	5.8	31 12.89	+2.6623+.0140	−39 5 49.3	−18.560−.139	10.0	12
6634	6208	7.7	31 13.52	+2.5601+.0162	−45 25 50.7	−18.561−.133	10.0	4
6635	6395	6.2	31 16.26	+2.5987+.0155	−43 11 58.7	−18.562−.135	9.9	4
6636	3463	8.6	31 21.12	+2.2754+.0187	−57 41 25.7	−18.565−.117	9.3	1
6637	6501	7.0	31 24.74	+2.6943+.0131	−36 53 44.6	−18.567−.140	10.1	5
6638	671	8.2	31 25.56	+1.1144−.0314	−75 34 23.7	−18.568−.053	10.2	4
6639	3826	8.7	31 25.91	+2.3547+.0186	−54 56 32.1	−18.568−.122	10.2	4
6640	3829	7.3	31 32.54	+2.3555+.0187	−54 56 34.8	−18.571−.121	10.2	4
6641	3471	8.8	31 35.59	+2.2874+.0188	−57 21 46.1	−18.573−.118	10.2	4
6642	3472	7.0	31 37.79	+2.2923+.0188	−57 12 41.0	−18.574−.118	10.2	5
6643	6402	8.5	31 41.38	+2.5988+.0156	−43 19 16.3	−18.576−.134	10.1	4
6644	8022	6.2	31 49.81	+2.8256+.0089	−26 12 25.8	−18.581−.147	10.0	4
6645	1501	7.9	31 50.62	+2.0593+.0168	−63 40 6.3	−18.581−.105	10.2	4
6646	1503	8.8	31 52.95	+2.0599+.0168	−63 39 46.0	−18.582−.105	10.2	4
6647	5764	7.1	32 5.85	+2.5020+.0174	−48 45 54.0	−18.590−.128	10.2	4
6648	3544	4.5	32 7.69	+2.3000+.0190	−57 5 29.4	−18.590−.118	10.1	4
6649	5264	8.1	32 9.17	+2.4561+.0181	−50 57 44.8	−18.591−.126	10.2	4
6650	3499	7.0	32 15.84	+2.2821+.0190	−57 43 35.8	−18.595−.116	10.2	4

6604 S.P. $56^s.26$, $31''.5$, 10.0, 5.

6618 Mean. Fol. $45^s.24$, $59''.2$, 10.3, 1.

6631 S.P. $0^s.63$, $33''.0$, 9.6, 1.

6626 ($10''.1$).

No.	Name	Mag.	R. A. 1910	Prec. and Sec. Var.	Decl. 1910	Prec. and Sec. Var.	Epoch.	No. Obs.
		M	h m s	s s	° ′ ″	″ ″		
6651	3502	7.0	10 32 17.74	+2.2807+.0190	-57 46 45.0*	-18.596-.116	10.0	4
6652	3506	8.5	32 20.46	+2.2814+.0190	-57 46 14.0*	-18.598-.116	9.9	3
6653	8306	6.8	32 22.81	+2.8040+.0098	-28 18 19.3	-18.599-.144	9.8	4
6654	3508	6.9	32 23.16	+2.2822+.0190	-57 45 29.0	-18.599-.116	10.2	5
6655	449	7.0	32 23.83	-0.2456-.2151	-81 27 22.7	-18.599+.021	9.7	4
6656	7479	7.2*	32 27.99	+2.7514+.0116	-32 48 19.1	-18.602-.142	10.3	4
6657	7567	6.8	32 28.90	+2.8167+.0093	-27 11 23.4	-18.602-.145	10.2	4
6658	6028	7.3	32 30.09	+2.5314+.0171	-47 23 1.9	-18.603-.130	10.0	4
6659	2022	9.5	32 30.93	+2.1815+.0186	-60 48 19.0	-18.603-.110	10.2	4
6660	6030	7.8	32 33.50	+2.5306+.0171	-47 26 37.4	-18.605-.129	10.0	4
6661	3527	9.2	32 41.96	+2.2850+.0191	-57 45 4.2	-18.609-.116	10.2	4
6662	3535	7.8	32 44.67	+2.2961+.0192	-57 23 46.5	-18.611-.116	10.1	4
6663	467	7.5	32 48.78*	-0.1148-.1927	-81 9 3.4*	-18.613+.014	9.9	4
6664	2292	8.2	32 49.47	+2.2229+.0190	-59 42 53.6	-18.613-.112	10.2	4
6665	3540	8.9	32 49.70	+2.2843+.0192	-57 48 38.5	-18.613-.116	10.2	1
6666	6268	7.2	32 54.31	+2.5448+.0170	-46 47 17.0	-18.616-.130	10.3	4
6667	468	7.9	32 56.31	+0.0474-.1654	-80 41 50.3	-18.617+.006	10.1	4
6668	2371	5.3	32 58.21	+2.2449+.0191	-59 5 47.0	-18.618-.113	10.3	4
6669	6158	7.0	32 59.50	+2.6439+.0149	-40 52 26.1	-18.619-.135	10.2	4
6670	8033	5.1	33 0.21	+2.8208+.0093	-26 56 45.8	-18.619-.144	9.9	8
6671	8383	6.8	33 3.09	+2.7716+.0111	-31 17 44.5	-18.620-.142	10.3	4
6672	2380	7.3	33 8.85	+2.2586+.0192	-58 43 24.1	-18.624-.114	10.0	4
6673	3863	8.3	33 9.22	+2.3729+.0191	-54 45 4.9	-18.624-.120	10.3	4
6674	2387	7.7	33 15.86	+2.2604+.0192	-58 42 2.6	-18.627-.114	10.0	4
6675	3998	7.5	33 20.21	+2.3991+.0190	-53 46 15.4	-18.630-.121	10.0	4
6676	6039	8.0	33 26.84	+2.5362+.0173	-47 25 14.8	-18.633-.128	10.3	4
6677	6375	7.2	33 28.14	+2.6122+.0158	-43 3 22.6	-18.634-.132	10.3	4
6678	6042	4.1	33 31.00	+2.5303+.0174	-47 45 28.4	-18.636-.128	9.9	14
6679	5785	8.0	33 32.70	+2.5106+.0178	-48 46 47.5	-18.636-.127	10.2	4
6680	361	8.9	33 35.70*	-1.4238-.4896	-83 45 19.2*	-18.638+.084	9.3	1
6681	6590	7.0	33 36.41	+2.7248+.0127	-35 15 8.4*	-18.638-.138	10.0	4
6682	529	7.0	33 37.89	+0.2686-.1320	-80 3 6.8	-18.639-.006	9.9	4
6683	4002	6.7	33 38.44	+2.4107+.0190	-53 23 16.1	-18.640-.121	10.1	4
6684	678	6.2	33 45.27*	+1.1256-.0312	-75 50 32.3*	-18.643-.052	10.0	8
6685	3580	9.4	33 52.39	+2.2827+.0195	-58 9 38.9	-18.647-.114	10.2	2
6686	3584[1]	8.4	33 55.88*	+2.2834+.0195	-58 9 19.5	-18.649-.114	10.2	4,5
6687	3584[2]	9.5	33 56.64	+2.2834+.0195	-58 9 19.7	-18.649-.114	10.1	1
6688	2166	5.8	33 59.12	+3.4605-.0303	+38 22 45.7	-18.651-.177	10.2	6
6689	2411	5.6	34 1.10	+2.2807+.0195	-58 15 57.1	-18.652-.114	10.1	4
6690	679	7.4	34 8.13	+1.2048-.0247	-75 19 35.4	-18.655-.056	10.3	4
6691	622	4.1	34 24.75*	+0.7507-.0693	-78 8 27.4*	-18.664-.032	10.0	22
6692	5795	8.1	34 24.87	+2.5205+.0178	-48 32 54.8	-18.664-.126	10.1	4
6693	3588	6.4	34 32.38	+2.3288+.0197	-56 47 17.5	-18.668-.116	10.2	4
6694	2345	8.9	34 33.04	+2.2440+.0196	-59 33 52.5	-18.669-.111	10.2	1
6695	2077	9.2	34 37.61	+2.2020+.0194	-60 48 25.1	-18.671-.109	10.2	4
6696	2349	8.7	34 38.27	+2.2410+.0196	-59 40 46.0	-18.671-.111	10.2	4
6697	2434	8.1	34 38.68	+2.2756+.0197	-58 36 23.0	-18.672-.113	10.2	4
6698	6186	7.8	34 47.80	+2.6622+.0149	-40 12 10.3	-18.676-.133	10.1	4
6699	6390	6.2	34 52.97	+2.6314+.0157	-42 17 4.6	-18.679-.131	10.2	4
6700	8168	7.4	34 53.17	+2.8424+.0088	-25 22 53.2	-18.679-.142	10.2	4

6663S.P. 49ˢ30, 3″.6, 9.6, 1.
6684S.P. 45ˢ34, 32″.2, 10.1, 6, 29″.1 included.
6691S.P. 24ˢ78, 27″.8, 9″.9, 15.
6652 15″.9,(?) 12″.7, 13″.4.
6686 (56ˢ20).

6680S.P. 35ˢ51, 20″.4, 9.6, 3, 35ˢ94, 36ˢ12, 34ˢ46.
6651 46″.2(?), 44″.8, 44″.6, 44″.2.
6681 8″.0, 7″.9, 9.8, 7″.9.

No.	Name	Mag.	R. A. 1910	Prec. and Sec. Var.	Decl. 1910	Prec. and Sec. Var.	Epoch.	No. Obs.
		M	h m s	s s	° ′ ″	″ ″		
6701	1679	7.6	10 34 53.17	+2.1374+.0189	−62 35 13.4	−18.679−.105	10.3	4
6702	6565	6.8*	35 11.34	+2.7187+.0133	−36 12 31.0	−18.689−.135	10.1	4
6703	1374	6.9	35 12.04	+2.0559+.0177	−64 34 25.3	−18.689−.100	10.2	4
6704	2460[1]	4.7	35 19.26	+2.2783+.0200	−58 42 51.5	−18.693−.112	10.2	4
6705	2462	6.7	35 19.88	+2.2759+.0200	−58 47 37.4	−18.693−.112	10.0	4
6706	2460[2]	9.3	35 19.94	+2.2785+.0200	−58 42 37.6	−18.693−.112	10.2	4
6707	3909	7.2	35 24.60	+2.3930+.0197	−54 38 42.5	−18.696−.118	10.0	4
6708	6699	8.0	35 26.00	+2.7048+.0138	−37 20 33.3	−18.697−.134	10.2	4
6709	2471	7.7	35 31.62	+2.2775+.0200	−58 48 0.0	−18.700−.112	10.0	4
6710	3912	7.4	35 33.14	+2.4004+.0196	−54 23 32.7	−18.700−.118	10.2	4
6711	2474	6.1	35 33.38	+2.2917+.0200	−58 20 53.7	−18.701−.112	10.2	4
6712	2475	9.1	35 35.88	+2.2921+.0200	−58 20 48.0	−18.702−.112	10.2	4
6713	1534	7.2	35 43.11	+2.0862+.0184	−64 1 45.6	−18.706−.101	10.2	4
6714	3915	4.4	35 43.30	+2.3829+.0198	−55 8 3.8	−18.706−.117	10.0	9
6715	7529	7.4	35 43.87	+2.7588+.0121	−33 8 36.5	−18.706−.137	10.2	4
6716	3682	7.2	35 48.60	+2.3736+.0199	−55 31 14.3	−18.709−.116	10.2	4
6717	3916	6.6	35 49.13	+2.3836+.0199	−55 8 17.4	−18.709−.117	10.0	4
6718	1323	7.9	35 51.59	+1.7659+.0094	−69 50 28.3	−18.710−.084	10.2	4
6719	5820	8.5	35 55.59	+2.5302+.0182	−48 31 39.9	−18.712−.124	10.2	4
6720	1695	9.5	35 59.50	+2.1609+.0195	−62 16 56.3	−18.714−.105	10.2	4
6721	2122	7.2	36 8.12	+2.2268+.0200	−60 30 59.4	−18.719−.108	10.2	4
6722	5822	6.9	36 10.27	+2.5263+.0183	−48 48 39.1	−18.720−.124	10.3	4
6723	1772	9.1	36 12.30	+2.1812+.0197	−61 48 16.9	−18.721−.106	10.3	4
6724	1542	6.6	36 12.59	+2.1082+.0189	−63 38 33.6	−18.721−.102	10.3	5
6725	4938	6.8	36 15.51	+2.4654+.0192	−51 48 53.1	−18.723−.120	10.2	4
6726	6324	9.0	36 19.57*	+2.5696+.0175	−46 30 20.8*	−18.725−.126	10.2	4
6727	6325	7.2	36 23.41	+2.5667+.0176	−46 41 26.9	−18.727−.126	10.2	4
6728	245	6.7	36 24.14*	−3.1579−1.114	−85 37 28.2*	−18.727+.172	9.8	17,18
6729	8070	7.8	36 31.41	+2.8371+.0093	−26 18 56.0	−18.731−.139	10.3	4
6730	5830	8.9	36 42.05	+2.5352+.0183	−48 30 52.2	−18.736−.123	10.2	4
6731	6646	6.5	36 44.87	+2.7366+.0131	−35 16 18.8	−18.738−.134	10.1	4
6732	6718	8.2	36 44.90	+2.7099+.0140	−37 21 48.5	−18.738−.132	10.2	4
6733	2364	6.8	36 49.46	+3.0620−.0018	− 1 16 6.3	−18.740−.150	10.2	6,13
6734	2411	8.7	36 57.21	+2.2686+.0205	−59 29 25.1	−18.744−.109	10.2	4
6735	721	6.9	37 2.29	+1.3439−.0145	−74 41 16.8	−18.747−.061	10.3	4
6736	1403	5.8	37 4.17	+2.0748+.0186	−64 37 49.7	−18.748−.099	10.3	4
6737	2524	8.4	37 8.20	+2.2835+.0206	−59 4 24.7	−18.750−.110	10.1	4
6738	758	6.0	37 9.04	+1.4216−.0090	−74 1 25.8	−18.750−.065	10.3	4
6739	5836	8.7	37 9.66	+2.5381+.0184	−48 30 54.1	−18.751−.123	10.2	4
6740	3663	7.1	37 22.18	+2.3334+.0206	−57 27 54.7	−18.757−.112	10.1	4
6741	6656	6.9*	37 23.37	+2.7393+.0132	−35 15 38.3	−18.758−.133	10.1	4
6742	1408	6.9	37 32.55	+2.0999+.0192	−64 10 59.2	−18.762−.100	10.2	4
6743	570	8.1	37 33.03	+0.6428−.0853	−79 2 27.9	−18.763−.025	10.3	4
6744	8191	7.3	37 35.95	+2.8475+.0091	−25 34 32.6	−18.764−.138	10.3	4
6745	2538	8.6	37 41.46	+2.2976+.0208	−58 46 38.7	−18.767−.110	10.0	4
6746	2447	7.5	37 46.71	+2.2758+.0208	−59 30 11.0	−18.770−.108	10.2	4
6747	6308	7.5	37 47.23	+2.5984+.0173	−45 17 55.8	−18.770−.125	10.3	4
6748	2159	9.2	37 49.70	+2.2537+.0207	−60 11 57.2	−18.771−.107	10.2	1
6749	3729	7.0	37 50.78	+2.3878+.0205	−55 35 53.3	−18.772−.114	10.3	4
6750	2450	6.5	37 51.00	+2.2858+.0208	−59 12 22.5	−18.772−.109	10.2	5

6728S.P. 24?35, 28″.3, 9.8, 14, 17; (25″.3). 6726 "Double".

No.	Name	Mag.	R. A. 1910	Prec. and Sec. Var.	Decl. 1910	Prec. and Sec. Var.	Epoch.	No. Obs.
		M	h m s	s s	° ′ ″	″ ″		
6751	6231	7.6	10 37 55.30	+2.6764+.0153	-40 13 15.2	-18.774-.129	10.3	4
6752	1573	7.0	37 55.78	+2.1120+.0195	-64 0 14.6	-18.774-.100	10.2	4
6753	2375	6.6	37 58.64	+3.1057-.0044	+ 4 3 12.5	-18.776-.151	10.2	7,10
6754	6590	8.6	38 9.07	+2.6912+.0149	-39 13 26.6	-18.781-.129	10.2	4
6755	1583	7.4	38 22.59	+2.1324+.0199	-63 38 8.2	-18.788-.100	10.2	4
6756	6361	7.1	38 29.20	+2.5778+.0180	-46 44 54.9	-18.791-.123	10.1	4
6757	2253	5.0	38 31.51	+3.2763-.0164	+23 39 35.0	-18.793-.158	10.2	5,10
6758	7572	5.7	38 32.75	+2.7792+.0120	-32 14 39.7	-18.793-.133	10.3	8
6759	2988	6.9*	38 33.22	+2.8744+.0081	-23 4 39.7	-18.793-.138	10.4	3
6760	2477	8.8	38 38.40	+2.2865+.0211	-59 25 1.8	-18.796-.108	10.2	4
6761	2478	8.8	38 41.10	+2.2864+.0211	-59 26 8.0	-18.797-.108	10.2	4
6762	1720	7.3	38 44.70	+2.1605+.0204	-63 2 10.1	-18.799-.101	10.2	4
6763	1589	5.2	39 2.27	+2.1248+.0200	-63 59 42.9	-18.808-.099	10.1	4
6764	8467	6.6	39 6.04	+2.7918+.0117	-31 17 12.9	-18.810-.133	10.2	4
6765	3696	7.2	39 7.28	+2.3772+.0210	-56 24 21.7	-18.811-.112	10.1	4
6766	5861	6.9	39 10.92	+2.5493+.0188	-48 35 10.0	-18.812-.120	9.8	3
6767	8469	7.2*	39 11.00	+2.7878+.0118	-31 39 55.4	-18.812-.132	10.0	4
6768	1817	8.4	39 11.52	+2.2144+.0210	-61 43 41.8	-18.813-.103	10.2	4
6769	2581	5.4	39 11.64	+2.3122+.0213	-58 44 38.7	-18.813-.108	10.0	4
6770	1592	8.2	39 12.89	+2.1296+.0202	-63 55 39.2	-18.813-.099	10.2	4
6771	2502	8.5	39 16.67	+2.2919+.0213	-59 25 58.9	-18.815-.107	10.1	4
6772	2503	8.7	39 18.05	+2.2931+.0213	-59 24 1.8	-18.816-.107	10.1	2
6773	6693	7.1	39 32.00	+2.7058+.0148	-38 35 11.8	-18.823-.128	10.0	8
6774	2199	7.6	39 39.46	+2.2608+.0214	-60 30 54.0	-18.827-.105	9.9	4
6775	1599	3.0	39 44.62	+2.1357+.0204	-63 55 21.6	-18.829-.099	10.1	22
6776	2203	6.9	39 45.60	+2.2558+.0214	-60 41 47.2	-18.830-.105	9.9	4
6777	2532	4.5	40 6.59	+2.2789+.0216	-60 5 40.2	-18.840-.105	10.0	4
6778	9500	6.8	40 9.29	+2.8740+.0084	-23 30 47.2	-18.842-.135	9.9	4
6779	6640	8.4	40 9.72	+2.7367+.0140	-36 21 16.0	-18.842-.128	10.2	4
6780	1613	7.8	40 14.92	+2.1546+.0208	-63 35 47.0	-18.845-.099	10.1	4
6781	5881	7.3	40 16.46	+2.5590+.0190	-48 25 27.5	-18.845-.119	10.2	4
6782	4988	7.1	40 24.00	+2.5016+.0201	-51 27 3.9	-18.849-.116	10.2	4
6783	2548	6.7	40 24.84	+2.2959+.0217	-59 38 42.6	-18.849-.106	10.2	4
6784	5492	8.7	40 28.26	+2.5428+.0194	-49 22 5.7	-18.851-.118	10.2	4
6785	2617	7.1	40 28.31	+2.3139+.0218	-59 4 30.1	-18.851-.107	10.2	4
6786	3778	7.5	40 31.05	+2.4162+.0212	-55 18 51.1	-18.853-.112	10.2	4
6787	6644	6.9*	40 31.81	+2.7370+.0141	-36 27 25.8	-18.853-.128	10.0	4
6788	2556	8.9	40 32.17	+2.3046+.0218	-59 24 6.5	-18.853-.106	9.9	4
6789	727	6.8	40 32.84	+1.3788-.0123	-74 59 29.9	-18.853-.060	10.3	4
6790	6769	7.7	40 33.72	+2.7220+.0146	-37 40 10.4	-18.854-.127	10.2	4
6791	1619	6.1	40 36.93	+2.1514+.0209	-63 46 35.3	-18.855-.098	10.2	4
6792	2631[1]	8.4	40 38.00	+2.3145+.0218	-59 6 8.9	-18.856-.106	10.2	4
6793	2631[2]	8.3	40 39.73*	+2.3148+.0218	-59 6 13.4*	-18.857-.106	10.3	4
6794	6522	9.2	40 48.36	+2.6432+.0171	-43 29 5.4	-18.861-.122	10.2	4
6795	2637	8.5	40 49.53	+2.3250+.0219	-58 48 36.4	-18.862-.107	10.2	4
6796	8571	7.8	40 50.04	+2.8195+.0110	-29 12 39.1	-18.862-.131	10.2	4
6797	1623	5.1	40 51.42	+2.1656+.0212	-63 29 19.0	-18.863-.099	10.2	4
6798	2180	5.4	40 51.82	+3.3460-.0224	+31 9 23.2	-18.863-.157	9.9	5
6799	2572	6.6	40 54.73	+2.3044+.0219	-59 31 14.0	-18.864-.106	10.3	4
6800	548	6.2	40 54.95	+0.6775-.0845	-79 18 41.1	-18.864-.025	10.4	4

6783 Mean.

No.	Name	Mag.	R. A. 1910	Prec. and Sec. Var.	Decl. 1910	Prec. and Sec. Var.	Epoch.	No. Obs.
		M	h m s	s s	° ′ ″	″ ″		
6801	2577	8.7	10 40 58.99	+2.3084+.0220	−59 24 43.6	−18.866−.106	10.0	4
6802	6271	9.7	41 6.42	+2.6831+.0160	−40 48 25.9	−18.870−.124	9.9	4
6803	2661	7.6	41 15.37	+2.3205+.0220	−59 5 31.6	−18.874−.106	10.1	4
6804	2356	6.3	41 24.56	+3.1265−.0058	+ 6 50 51.7	−18.879−.145	9.9	4,3
6805	6658	8.9	41 31.06	+2.7351+.0144	−36 56 22.6	−18.882−.126	10.0	1
6806	2620	Var.	41 33.90	+2.3198+.0222	−59 12 39.9	−18.883−.105	10.1	16
6807	2623	8.6	41 36.11	+2.3206+.0222	−59 11 41.8	−18.885−.105	9.9	4
6808	1183	6.3	41 36.89	+1.8147+.0126	−70 23 11.3	−18.885−.081	10.1	4
6809	5398	8.6	41 42.46	+2.5188+.0202	−51 2 32.4	−18.888−.115	10.0	4
6810	6659	7.7	41 42.49	+2.7416+.0142	−36 28 12.3	−18.888−.126	9.9	4
6811	6415	6.7	41 46.93	+2.5931+.0187	−46 59 10.3	−18.890−.118	10.2	4
6812	6279	6.8	41 47.95	+2.6906+.0160	−40 29 59.4	−18.890−.123	10.3	4
6813	1185	6.5	41 49.02	+1.8182+.0128	−70 22 54.8	−18.891−.081	10.1	4
6814	3813	7.2	41 50.35	+2.4266+.0216	−55 19 4.0	−18.892−.110	10.2	4
6815	5400	9.0	41 52.15	+2.5200+.0203	−51 2 15.1	−18.892−.115	10.0	4
6816	1118	6.3	41 56.63	+1.7009+.0076	−71 58 17.3	−18.895−.075	10.1	4
6817	2680	7.1	42 13.19	+2.3340+.0224	−58 56 2.5	−18.903−.105	10.1	4
6818	2683	7.8	42 19.79	+2.3326+.0224	−59 0 53.3	−18.906−.105	10.0	4,5
6819	467	8.3	42 25.48*	+0.0806−.1808	−81 33 48.0*	−18.909+.004	9.9	3
6820	8237	6.9	42 26.05	+2.8602+.0095	−25 34 29.8*	−18.909−.130	10.1	3
6821	6112	7.1	42 26.95	+2.6707+.0168	−42 10 10.4	−18.909−.121	10.0	4
6822	6114	7.5	42 36.26	+2.6719+.0168	−42 8 9.3	−18.914−.121	10.0	4
6823	6484	6.6	42 36.64	+2.6637+.0171	−42 43 1.3	−18.914−.121	10.2	4
6824	2358	7.0	42 38.33	+3.1255−.0057	+ 6 49 16.7	−18.915−.143	10.2	4
6825	2692	8.0	42 41.70*	+2.3409+.0225	−58 50 39.4*	−18.916−.105	10.2	4
6826	1746	8.5	42 47.02	+2.2288+.0224	−62 21 44.9	−18.919−.099	10.2	4
6827	1865	7.5	42 48.48	+2.2602+.0226	−61 28 3.1	−18.920−.101	10.3	4
6828	5412	7.9	42 48.89	+2.5353+.0203	−50 34 38.5	−18.920−.114	10.2	4
6829	2671	6.5	42 49.34	+2.3037+.0226	−60 7 43.9*	−18.920−.103	10.2	4,3
6830	1641	9.0	42 50.78	+2.1845+.0221	−63 33 58.6	−18.921−.097	10.3	4
6831	5913	2.8	42 53.75	+2.5660+.0197	−48 56 40.0	−18.922−.115	10.1	16
6832	1645	9.8	42 59.03	+2.1839+.0222	−63 21 43.4	−18.925−.097	10.2	4
6833	1646	5.5	43 0.77	+2.1677+.0220	−64 2 26.1	−18.926−.096	10.2	4
6834	1749	7.0	43 5.87	+2.2153+.0224	−62 49 26.3	−18.928−.098	10.3	4
6835	1649	5.4	43 12.72	+2.1799+.0222	−63 47 20.3	−18.931−.096	10.3	8
6836	732	7.7	43 19.08	+1.4865−.0048	−74 31 59.5	−18.934−.063	10.3	4
6837	3800	5.5	43 19.42	+2.4150+.0223	−56 16 57.1	−18.934−.108	10.0	4
6838	8723	7.1*	43 20.34	+2.8076+.0120	−31 7 42.0	−18.935−.126	10.1	4
6839	1655	5.1	43 34.41	+2.1792+.0223	−63 54 31.7	−18.942−.096	10.2	4
6840	3810	7.2	43 41.84	+2.4038+.0225	−56 51 1.7	−18.945−.106	10.1	4
6841	1660	7.9	43 51.56	+2.1871+.0225	−63 47 24.1	−18.950−.096	10.2	4
6842	1302	6.6	43 51.74	+1.9526+.0180	−68 44 6.0	−18.950−.085	10.2	4
6843	8536	5.9	44 1.02	+2.8089+.0121	−31 12 45.2	−18.954−.125	10.3	4
6844	3821	6.3	44 1.39	+2.4029+.0227	−56 59 32.5	−18.954−.106	10.2	4
6845	5053	7.0	44 7.98	+2.5211+.0211	−51 46 15.1	−18.958−.111	10.3	4
6846	2712	8.2	44 9.53	+2.3161+.0232	−60 8 33.5	−18.958−.102	10.3	4
6847	2713	6.7	44 12.98	+2.3388+.0231	−59 23 59.9	−18.960−.103	10.2	4
6848	1670	6.7	44 22.84	+2.1819+.0227	−64 4 18.9	−18.965−.095	10.3	4
6849	554	5.5	44 25.41*	+0.6196−.0966	−79 59 39.5*	−18.966−.021	9.8	8
6850	2722	8.6	44 29.50	+2.3479+.0232	−59 10 31.9	−18.968−.103	10.0	4

6819 S.P. $25^s.17$, $47''.0$, 9.5, 1.

6820 $28''.3$(?), $30''.8$, $30''.3$.

6849 S.P. $25^s.53$, $40''.0$, 9.9,, 7.

6825 Mean. 6829 ($42''.2$).

No.	Name	Mag.	R. A. 1910	Prec. and Sec. Var.	Decl. 1910	Prec. and Sec. Var.	Epoch.	No. Obs.
		M	h m s	s s	° ′ ″	″ ″		
6851	2283	5.3	10 44 31.64	+3.1567−.0080	+11 1 17.7	−18.969−.141	10.1	19,39
6852	2720	6.1	44 33.81	+2.3408+.0233	−59 26 37.5	−18.970−.102	10.2	4
6853	1305	6.7	44 34.51	+1.9495+.0181	−68 57 44.9	−18.970−.084	10.3	5
6854	1672	6.5	44 35.28	+2.1954+.0229	−63 47 15.4	−18.970−.095	10.1	4
6855	7699	7.0*	44 41.18	+2.8486+.0105	−27 26 32.2	−18.973−.126	10.1	3
6856	6217	7.0	44 41.95	+2.5957+.0196	−47 52 32.5	−18.974−.114	10.1	4
6857	6219	6.6	44 46.75	+2.6061+.0194	−47 16 29.7	−18.976−.114	10.2	4
6858	1675	8.5	44 47.58	+2.2122+.0231	−63 24 16.1	−18.976−.096	10.2	4
6859	556	4.6	44 57.05*	+0.6182−.0975	−80 3 55.8*	−18.981−.021	9.8	19
6860	1890	8.3	44 59.20	+2.2615+.0234	−62 5 17.4	−18.982−.098	10.1	4
6861	3825	7.0	45 1.18	+2.4062+.0230	−57 11 49.2	−18.983−.105	10.2	4
6862	2732	7.5	45 6.53	+2.3370+.0235	−59 44 52.2	−18.985−.101	10.2	4
6863	3138	3.3	45 11.00*	+2.9519+.0053	−15 43 21.0	−18.987−.130	9.9	12,14
6864	6761	7.1	45 15.04	+2.7295+.0156	−38 41 40.5	−18.989−.119	10.2	4
6865	210	7.6	45 17.83	−3.7782−1.566	−86 25 32.1	−18.990+.184	10.0	4
6866	1682	8.4	45 21.32	+2.2202+.0234	−63 21 25.8	−18.992−.095	10.2	4
6867	2747	7.9	45 21.79	+2.3618+.0235	−58 58 15.0	−18.992−.102	10.0	4
6868	6152	6.7	45 23.53	+2.6891+.0171	−41 53 30.8	−18.993−.117	10.1	4
6869	5076	8.5	45 42.11	+2.5429+.0212	−51 12 24.8	−19.002−.110	10.0	4
6870	7288	5.7	45 45.64	+2.7901+.0134	−33 34 54.7	−19.003−.121	10.1	4
6871	2755	6.1	45 50.36	+2.3696+.0236	−58 50 49.6	−19.006−.102	10.1	4
6872	7293	7.6*	46 14.77	+2.7942+.0134	−33 21 45.2	−19.017−.121	9.7	4
6873	5968	7.0	46 23.22	+2.5934+.0203	−48 38 8.2	−19.021−.111	9.8	4
6874	1908	7.4	46 47.17	+2.2779+.0242	−62 9 31.5	−19.032−.096	9.9	4
6875	2775	7.4	46 52.87	+2.3608+.0241	−59 30 19.2	−19.034−.100	9.9	4
6876	690	8.5	47 2.77	+1.4243−.0094	−75 45 38.4	−19.039−.057	9.9	4
6877	5463	8.4	47 8.78	+2.5576+.0215	−50 56 55.4	−19.042−.108	9.7	4
6878	2317	7.0	47 9.89	+2.3256+.0244	−60 47 32.0	−19.042−.098	9.9	4
6879	2784	7.0	47 24.75	+2.3665+.0243	−59 28 47.4	−19.049−.099	9.9	4
6880	2791	7.8	47 45.94	+2.3757+.0244	−59 15 58.3	−19.058−.099	9.8	4
6881	3924	8.6	47 48.56	+2.4398+.0238	−56 47 59.0	−19.060−.102	10.1	1
6882	1923	8.3	47 55.54	+2.2988+.0248	−61 53 7.4	−19.063−.096	10.2	4
6883	5991	6.7	47 57.53	+2.6026+.0207	−48 40 42.1	−19.064−.109	9.9	4
6884	3927	6.6	48 6.61	+2.4425+.0239	−56 47 39.6	−19.068−.102	10.1	4
6885	1434	7.4	48 8.40	+2.1319+.0236	−66 20 13.9	−19.069−.088	10.0	4
6886	4109	6.3	48 14.02	+2.4919+.0232	−54 39 37.7	−19.071−.104	10.2	4
6887	1787	7.9	48 14.17	+2.2842+.0249	−62 25 38.6	−19.071−.095	10.3	5
6888	2172	3.9	48 16.92	+3.3574−.0254	+34 42 1.2	−19.072−.143	9.9	9
6889	3895	6.9	48 17.84	+2.4158+.0243	−57 56 14.7	−19.073−.100	10.2	4
6890	5111	7.8	48 27.36	+2.5598+.0219	−51 19 20.0	−19.077−.106	10.1	4
6891	6469	8.1	48 34.06	+2.6520+.0194	−45 44 20.9	−19.080−.111	10.0	4
6892	3909	7.5	48 45.44	+2.4241+.0244	−57 46 26.2	−19.085−.100	10.2	4
6893	2058	4.8	48 48.18	+3.4625−.0361	+43 40 9.4	−19.086−.146	10.1	11
6894	3947	5.6	48 49.51	+2.4493+.0241	−56 45 43.7	−19.087−.101	10.1	4
6895	7042	6.9*	48 49.94	+2.7865+.0144	−35 0 37.8	−19.087−.116	10.3	4
6896	7744	8.5	48 51.96	+2.8564+.0111	−27 53 55.9	−19.088−.119	10.3	4
6897	643	8.1	48 55.29	+1.3543−.0154	−76 38 47.7	−19.090−.052	10.3	4
6898	6749	7.9	48 58.85	+2.7313+.0168	−39 56 18.7	−19.091−.113	9.7	4
6899	3125	5.3	49 5.29	+2.9272+.0074	−19 39 15.1	−19.094−.122	9.6	4
6900	695	6.8	49 14.58	+1.5131−.0029	−75 24 16.2	−19.098−.059	10.2	4

6859S.P. 57ˢ.06, 56″.1, 9.8, 21, 20; (29″.9). 6863 10ˢ.87 included.

No.	Name	Mag.	R. A. 1910	Prec. and Sec. Var.	Decl. 1910	Prec. and Sec. Var.	Epoch.	No. Obs.
		M	h m s	s s	° ′ ″	″ ″		
6901	3929	7.0	10 49 27.74	+2.4408+.0245	−57 20 35.5	−19.104−.100	9.9	4
6902	5126	8.4	49 28.17	+2.5670+.0222	−51 18 50.2	−19.104−.105	9.9	4
6903	8614	7.7	49 33.46	+2.8214+.0130	−31 50 51.0	−19.106−.116	10.0	4
6904	1552	6.6	49 38.31	+2.0862+.0234	−67 43 55.4	−19.109−.084	10.0	4
6905	8207	7.3	49 39.68	+2.8733+.0104	−26 16 1.9	−19.109−.118	10.2	4
6906	2830	6.6	49 42.80	+2.4163+.0249	−58 24 52.9	−19.111−.098	10.1	4
6907	3031	8.4	49 44.20	+2.9038+.0088	−22 42 7.0	−19.111−.120	10.3	4
6908	6572	7.4	49 44.70*	+2.7012+.0182	−42 38 16.7	−19.112−.111	10.2	3,4
6909	6821	6.8	49 46.76	+2.7799+.0150	−35 58 40.4	−19.112−.114	10.3	4
6910	5487	7.2	49 48.66	+2.5746+.0221	−51 1 12.1	−19.113−.105	10.2	4
6911	3952	6.4	49 49.71	+2.4766+.0242	−55 56 29.4	−19.114−.101	10.2	4
6912	2834	3.9	49 50.06	+2.4184+.0250	−58 22 30.0	−19.114−.098	10.0	21
6913	1951	7.9	50 9.63	+2.3436+.0257	−61 11 10.5	−19.122−.094	9.9	4
6914	8217	8.1	50 19.96	+2.8746+.0105	−26 19 45.5	−19.127−.117	10.0	4
6915	6818	7.3	50 26.82	+2.7574+.0162	−38 16 29.9	−19.130−.112	10.0	4
6916	6819	9.2	50 28.28	+2.7576+.0162	−38 16 10.5	−19.130−.112	10.0	4
6917	1955	7.1	50 35.05	+2.3364+.0259	−61 33 47.0	−19.134−.094	10.0	4
6918	1246	6.1	50 44.82	+1.9654+.0208	−70 14 26.6	−19.138−.077	10.1	4
6919	4145	6.6*	50 50.71	+2.5024+.0242	−55 8 20.5	−19.140−.100	9.9	4
6920	4224	7.5	50 53.69	+2.5246+.0237	−54 4 49.6	−19.142−.101	9.8	4
6921	6220	6.3	50 55.95	+2.7182+.0179	−41 46 16.0	−19.143−.110	9.9	4
6922	1960	6.0	50 57.24	+2.3468+.0260	−61 20 48.2	−19.143−.093	10.0	4
6923	589	6.1	50 59.38	+1.0180−.0508	−79 4 49.2	−19.144−.036	10.1	4
6924	8224	7.1	51 9.02	+2.8754+.0107	−26 29 55.7	−19.148−.116	10.0	4
6925	6595	6.7	51 22.86	+2.7108+.0184	−42 32 25.9	−19.154−.108	9.9	4
6926	5151	7.8	51 26.25	+2.5652+.0230	−52 10 22.6	−19.156−.102	10.0	4
6927	8637	7.3*	51 35.77	+2.8335+.0130	−31 18 21.5	−19.160−.113	10.2	4
6928	4233	7.4	51 36.25	+2.5396+.0237	−53 35 58.1	−19.160−.101	10.0	4
6929	2840	6.0	51 41.31	+2.3917+.0261	−60 2 20.0	−19.162−.094	10.0	4
6930	6334	7.5	52 12.82	+2.6458+.0210	−47 36 37.2	−19.176−.104	10.0	4
6931	6808	4.7	52 31.27	+2.7839+.0156	−36 39 13.4	−19.183−.110	10.1	41
6932	4002	7.1	52 33.59	+2.4624+.0256	−57 34 17.7	−19.184−.096	10.1	4
6933	2860	7.6	52 34.33	+2.4020+.0264	−59 58 22.0	−19.185−.094	10.1	4
6934	8839	7.3	52 36.11	+2.8423+.0128	−30 43 21.1	−19.185−.112	9.9	4
6935	6797	8.4*	52 37.82	+2.7466+.0174	−40 5 25.7	−19.186−.108	9.9	4
6936	5683	7.4	52 43.79	+2.6097+.0224	−50 7 32.6	−19.189−.102	9.7	4
6937	1975	7.3	53 1.30	+2.3714+.0269	−61 13 40.6	−19.196−.092	10.0	4
6938	6954	7.5	53 7.98	+2.6970+.0196	−44 19 42.9	−19.199−.105	9.9	4
6939	5534	6.2	53 12.31	+2.6102+.0226	−50 17 2.5	−19.201−.101	9.8	4
6940	6938	8.1	53 18.83	+2.7798+.0161	−37 21 40.2	−19.203−.108	9.9	4
6941	6546	6.8	53 35.84	+2.6854+.0202	−45 23 39.8	−19.210−.104	9.8	4
6942	1373	7.4	53 51.70	+2.1223+.0260	−68 11 10.3	−19.217−.080	10.0	4
6943	6253	7.5	53 51.94	+2.7354+.0183	−41 33 26.3	−19.217−.105	9.8	4
6944	1990	9.0	53 56.57	+2.3576+.0274	−62 1 2.1	−19.219−.090	10.0	4
6945	2888	Var.	54 7.90	+2.4358+.0268	−59 15 1.9	−19.224−.093	10.1	4
6946	1377	7.0	54 9.71	+2.1085+.0259	−68 33 23.3	−19.225−.079	10.1	4
6947	4018	6.8	54 16.36	+2.5265+.0252	−55 18 6.0	−19.227−.096	10.0	4
6948	6968	7.6	54 19.72	+2.7019+.0198	−44 27 10.2	−19.229−.103	10.1	4
6949	2147	5.1	54 25.78	+3.3994−.0319	+40 54 39.9	−19.231−.132	10.1	25
6950	6947	7.5*	54 26.18	+2.7808+.0164	−37 43 18.9	−19.231−.106	10.1	4

6908 ($44^{s}49$).

No.	Name	Mag.	R. A. 1910	Prec. and Sec. Var.	Decl. 1910	Prec. and Sec. Var.	Epoch.	No. Obs.
		M	h m s	s s	° ′ ″	″ ″		
6951	6841	8.6	10 54 38.09	+2.7911+.0160	−36 48 36.3	−19.236−.106	10.0	4
6952	755	6.0	54 42.04	+1.7070+.0105	−74 37 4.9	−19.238−.062	10.2	4
6953	4035	8.0	54 49.24	+2.4837+.0264	−57 30 36.7	−19.241−.093	9.9	4
6954	7121	8.1	54 50.29	+2.8159+.0148	−34 23 37.6	−19.241−.107	10.2	4
6955	7401	5.8	54 58.76*	+2.8272+.0143	−33 15 13.3	−19.245−.107	9.9	4
6956	8272	7.5	55 3.71	+2.8880+.0109	−26 17 10.0	−19.247−.110	9.9	4
6957	4072	6.9	55 12.49	+2.5768+.0244	−53 3 26.4	−19.250−.097	9.8	4
6958	6575	8.2	55 22.38	+2.6858+.0209	−46 7 22.6	−19.254−.101	10.0	4
6959	2907	7.8	55 23.11	+2.4613+.0270	−58 41 9.8	−19.254−.092	10.2	4
6960	3273	4.2	55 23.30	+2.9530+.0069	−17 49 9.7	−19.254−.112	10.0	13,19
6961	6640	7.3	55 27.94	+2.7260+.0193	−43 1 8.9	−19.256−.102	10.2	4
6962	7131	7.4*	55 33.25	+2.8161+.0150	−34 39 38.1	−19.259−.106	10.2	4
6963	2433	6.3	55 36.47	+2.4084+.0279	−60 50 16.7	−19.260−.089	10.2	4
6964	4282	7.8	55 52.92	+2.5791+.0247	−53 12 20.4	−19.267−.096	10.0	4
6965	6692	5.9	55 53.86	+2.7246+.0196	−43 19 27.9	−19.267−.102	10.2	4
6966	2407	5.0	55 54.77	+3.0990−.0037	+ 4 6 3.1	−19.267−.117	10.0	11,20
6967	6276	4.6	56 1.32	+2.7439+.0187	−41 44 34.8	−19.270−.102	9.7	10
6968	2011	7.4	56 2.04	+2.3800+.0284	−62 0 5.0	−19.270−.087	10.2	4
6969	6647	7.7	56 5.34	+2.7306+.0193	−42 54 23.3	−19.272−.101	10.2	4
6970	6650	7.6	56 9.14	+2.7326+.0192	−42 46 5.1	−19.273−.101	10.2	4
6971	7000	7.2	56 10.56	+2.7124+.0201	−44 25 39.3	−19.274−.101	10.2	4
6972	6839	8.0	56 12.32	+2.7669+.0177	−39 46 1.2	−19.274−.103	10.0	4
6973	6589	7.8	56 12.57	+2.6907+.0210	−46 7 5.5	−19.274−.100	10.0	4
6974	5220	6.3	56 12.70	+2.6136+.0238	−51 20 4.9	−19.274−.096	10.1	4
6975	8696	6.2	56 24.30	+2.8494+.0135	−31 21 31.3	−19.279−.106	10.2	4
6976	5225	7.7	56 37.26	+2.6144+.0240	−51 27 50.5	−19.284−.096	10.2	4
6977	2926	8.1	56 39.34	+2.4774+.0274	−58 29 59.5	−19.285−.090	10.0	4
6978	4109	6.6	56 42.44	+2.5954+.0246	−52 37 43.6	−19.286−.095	10.2	4
6979	6845	6.8*	56 43.24	+2.7667+.0179	−40 0 53.5	−19.287−.102	10.1	4
6980	6090	7.7	56 50.68	+2.6610+.0224	−48 32 5.5	−19.290−.097	10.2	4
6981	5230	7.0	56 53.62	+2.6142+.0241	−51 35 28.7	−19.291−.095	10.2	4
6982	2452	9.0	57 15.79	+2.4327+.0284	−60 32 50.8	−19.300−.088	9.9	4
6983	4111	8.1	57 30.73	+2.5332+.0267	−56 17 0.3	−19.305−.091	10.1	4
6984	478	7.5	57 40.23*	+0.4862−.1420	−82 5 52.0*	−19.309−.011	9.5	4
6985	6993	7.7*	57 48.24	+2.7991+.0167	−37 20 58.0	−19.312−.101	9.9	4
6986	2459	7.1	57 55.13	+2.4388+.0287	−60 33 53.5	−19.315−.087	9.9	4
6987	2028	9.4	57 57.91	+2.4110+.0291	−61 37 25.7	−19.316−.086	10.1	4
6988	2460	7.7	57 59.78	+2.4261+.0290	−61 4 41.3	−19.317−.086	10.1	4
6989	8302	6.2	58 2.90	+2.8958+.0112	−26 20 39.1	−19.318−.104	10.1	10
6990	6291	7.8	58 3.39	+2.7511+.0192	−42 0 49.8	−19.318−.099	10.2	4
6991	6461	6.6	58 3.92	+2.7664+.0184	−40 37 45.0	−19.318−.100	10.2	4
6992	509	6.7	58 10.71	+0.8049−.0877	−81 4 28.0	−19.321−.023	10.1	4
6993	6110	7.7	58 10.79	+2.6726+.0226	−48 18 51.9	−19.321−.096	10.2	4
6994	2033	9.2	58 14.56	+2.4154+.0292	−61 34 12.2	−19.323−.086	10.2	1
6995	1794	7.0	58 17.14	+2.3493+.0298	−63 49 11.2	−19.324−.083	10.2	4
6996	2037	9.2	58 25.89	+2.4144+.0294	−61 40 39.2	−19.327−.085	10.2	4
6997	9487	6.8	58 43.28	+2.9072+.0107	−25 5 27.6	−19.334−.104	10.2	4
6998	4132	9.5	58 49.16	+2.5441+.0271	−56 17 32.3	−19.336−.090	9.3	1
6999	4264	8.4	58 49.18	+2.5698+.0264	−54 57 38.1	−19.336−.091	10.2	4
7000	1280	8.5	58 52.36	+2.0479+.0269	−71 1 45.1	−19.337−.070	10.3	4

6984S.P. $40^s.87$, $53^n.2$, 9.5, 1. 6955 $58^s.90$, $58^s.72$, $58^s.73$, $58^s.70$.

No.	Name	Mag.	R. A. 1910	Prec. and Sec. Var.	Decl. 1910	Prec. and Sec. Var.	Epoch.	No. Obs.
		M	h m s	s s	° ′ ″	″ ″		
7001	1631	8.5	10 58 52.56	+2.2122+.0299	−67 44 8.0	−19.337−.077	10.2	1
7002	763	7.3	58 52.67	+1.7413+.0136	−75 10 50.9	−19.337−.059	10.3	4
7003	8311	7.5	58 56.19	+2.8930+.0116	−27 2 0.2	−19.339−.103	10.2	4
7004	8726	6.5	58 58.59	+2.8572+.0138	−31 28 31.5	−19.340−.102	10.2	4
7005	2972	7.1*	59 1.74	+2.4818+.0286	−59 15 23.1	−19.341−.087	10.2	4
7006	2044	9.0	59 8.74	+2.4131+.0298	−61 59 39.0	−19.343−.084	10.1	4
7007	2478	7.6	59 22.29	+2.4589+.0292	−60 20 24.2	−19.349−.086	10.0	4
7008	2479	6.7	59 23.89	+2.4570+.0293	−60 25 33.2	−19.349−.086	10.1	4
7009	2045	9.1	59 25.88	+2.4321+.0297	−61 24 21.6	−19.350−.084	10.2	4
7010	6477	8.0	59 28.87	+2.7733+.0186	−40 37 16.0	−19.351−.097	10.2	4
7011	2046	9.0	59 29.33	+2.4359+.0297	−61 17 2.0	−19.351−.084	10.2	4
7012	1636	8.2	59 34.71	+2.2349+.0305	−67 25 28.4	−19.353−.077	10.2	4
7013	7860	7.3	59 36.44	+2.8468+.0146	−32 57 31.5	−19.354−.100	9.9	4
7014	5641	6.9	59 45.50	+2.6457+.0244	−50 52 4.8	−19.357−.092	10.1	4
7015	5645	7.2	59 51.44	+2.6513+.0242	−50 32 40.8	−19.360−.092	10.2	4
7016	1193	7.2	59 52.44	+2.0210+.0266	−71 45 26.3	−19.360−.068	10.1	4
7017	6882	7.4	59 56.45	+2.7838+.0183	−39 49 23.3	−19.362−.097	10.2	4
7018	386	6.3	59 58.05*	−0.2819−.3308	−84 6 35.0*	−19.362+.019	9.6	18,27
7019	6924	7.2	11 0 2.45	+2.8192+.0164	−36 14 11.7	−19.364−.098	10.0	4
7020	1194	9.0	0 2.65	+2.0332+.0271	−71 36 14.7	−19.364−.068	10.4	4
7021	2995	8.6	0 5.88	+2.5138+.0286	−58 16 48.4	−19.365−.086	10.2	4
7022	766	8.5*	0 6.94	+1.7742+.0160	−75 6 33.4	−19.366−.059	10.3	4
7023	4317	6.6	0 7.75	+2.6024+.0261	−53 42 44.8	−19.366−.090	10.2	4
7024	4174	6.4	0 11.36	+2.5319+.0282	−57 28 12.1	−19.367−.087	10.3	4
7025	6706	7.0	0 14.68	+2.7602+.0196	−42 11 31.6	−19.368−.095	10.2	4
7026	1290	7.8	0 21.85	+2.0658+.0282	−71 8 30.8	−19.371−.069	10.2	4
7027	2455	4.7	0 22.52	+3.1198−.0055	+7 49 21.8	−19.371−.109	10.0	16,20
7028	2335	7.5	0 27.40	+3.2377−.0168	+25 41 20.2	−19.373−.113	10.5	4
7029	6466	5.9	0 28.12	+2.7019+.0224	−47 11 39.7	−19.373−.093	10.2	4
7030	4175	8.0	0 31.98	+2.6237+.0256	−52 37 23.1	−19.375−.090	10.2	4
7031	6954	5.5	0 38.96	+2.8300+.0160	−35 19 9.0	−19.378−.097	10.2	4
7032	2996	7.8	0 40.03	+2.4944+.0293	−59 22 58.4	−19.378−.085	10.2	4
7033	3003	9.6	0 46.38	+2.4938+.0294	−59 27 12.5	−19.380−.085	10.3	4
7034	1868	8.0	0 50.38	+2.4178+.0307	−62 28 36.3	−19.382−.082	10.3	4
7035	8840	7.4	0 53.10	+2.8761+.0132	−29 57 0.2	−19.383−.099	10.2	4
7036	6473	7.2	0 54.68	+2.6979+.0228	−47 42 42.0	−19.383−.092	10.2	4
7037	8338	5.1	0 59.63	+2.9006+.0117	−26 48 27.6	−19.385−.099	10.1	16
7038	6157	6.4	1 2.00	+2.6826+.0235	−48 54 23.8	−19.386−.091	10.1	4
7039	3017	6.6	1 11.44	+2.4996+.0295	−59 22 23.2	−19.390−.084	10.2	4
7040		10.2	1 14.41	+2.5034+.0294	−59 13 38.6	−19.391−.084	10.2	4
7041	1819	7.5	1 15.33	+2.3738+.0314	−64 7 48.5	−19.391−.080	10.2	4
7042	3019	7.9	1 16.73	+2.5037+.0295	−59 13 40.0	−19.392−.084	10.0	4
7043	3024	8.2	1 21.15	+2.4989+.0296	−59 28 13.8	−19.393−.084	10.2	4
7044	3172	8.3	1 24.57	+2.9500+.0084	−19 55 18.5	−19.394−.100	10.3	1
7045	8342	5.7	1 35.61	+2.9023+.0117	−26 48 5.0	−19.399−.098	10.4	4
7046	6734	7.0	1 40.93	+2.7123+.0225	−46 57 21.7	−19.400−.091	10.2	4
7047	6327	8.0	1 41.84	+2.7758+.0194	−41 25 16.0	−19.401−.094	10.2	4
7048	522	8.2	1 45.63	+0.9179−.0750	−81 8 14.6	−19.402−.025	9.9	4
7049	771	7.1	2 2.62	+1.8529+.0210	−74 40 8.2	−19.408−.059	9.7	4
7050	5686	6.4	2 4.91	+2.6639+.0248	−50 43 28.8	−19.409−.089	10.1	4

7018S.P. $58^{s}.11$, $35''.1$, 10.0, 16, 26.

No.	Name	Mag.	R. A. 1910	Prec. and Sec. Var.	Decl. 1910	Prec. and Sec. Var.	Epoch.	No. Obs.
		M	h m s	s s	° ′ ″	″ ″		
7051	1644	8.8	11 2 7.71	+2.2698+.0323	−67 25 1.5	−19.410−.074	10.2	4
7052	6788	7.3	2 10.44	+2.7516+.0209	−43 53 5.2	−19.411−.092	10.2	4
7053	5831	7.0*	2 17.84	+2.6763+.0244	−49 57 39.5	−19.414−.089	10.2	4
7054	8657	6.5	2 18.14	+2.8937+.0125	−28 14 25.4	−19.414−.097	10.2	4
7055	2387	5.7	2 18.80	+3.0867−.0025	+ 2 26 39.1	−19.414−.104	10.1	9,16
7056	3038	7.0	2 18.95	+2.5083+.0300	−59 27 48.6	−19.414−.083	10.2	4
7057	5693	6.3	2 26.69	+2.6701+.0248	−50 28 13.5	−19.417−.088	10.0	4
7058	4217	8.1	2 31.08	+2.6358+.0262	−52 47 6.8	−19.419−.087	10.0	4
7059	8865	6.7	2 32.62	+2.8806+.0135	−30 4 0.1	−19.419−.096	10.2	4
7060	3112	6.1	2 39.66	+2.5391+.0294	−58 11 18.8	−19.422−.084	10.0	4
7061	6753	8.4	2 42.76	+2.7196+.0227	−46 52 14.8	−19.423−.090	10.2	4
7062	1629	7.8	2 43.19	+2.3629+.0325	−65 1 23.2	−19.423−.077	10.1	4
7063	4219	7.5	2 43.80	+2.6424+.0260	−52 27 49.7	−19.423−.087	10.2	4
7064	1430	7.6	2 48.50	+2.2434+.0326	−68 17 43.2	−19.425−.072	10.3	4
7065	1630	6.4	2 48.88	+2.3852+.0324	−64 21 11.3	−19.425−.078	10.3	4
7066	4222	8.5	2 50.18	+2.6377+.0263	−52 48 48.1	−19.426−.087	10.0	4
7067	8776	6.6	2 50.44	+2.8656+.0146	−32 5 56.6	−19.426−.095	10.0	4
7068	2067	4.8	2 50.76	+2.4538+.0314	−61 56 15.2	−19.426−.080	10.3	4
7069	7873	7.5	3 6.47	+2.8979+.0125	−28 0 15.9	−19.432−.096	10.0	4
7070	6343	5.3	3 6.73	+2.7753+.0200	−42 9 10.1	−19.432−.091	10.0	4
7071	1647	7.9	3 11.12	+2.2833+.0330	−67 26 15.0	−19.433−.074	10.2	4
7072	711	7.8	3 16.29	+1.7933+.0182	−75 38 37.3	−19.435−.056	10.3	4
7073	3057	7.6	3 25.88	+2.5207+.0304	−59 23 10.2	−19.438−.082	10.2	4
7074	6525	6.5	3 29.53	+2.7083+.0236	−48 9 12.5	−19.440−.088	10.1	4
7075	1304	7.2	3 32.69	+2.1602+.0321	−70 20 34.9	−19.441−.069	10.1	4
7076	1305	5.8	3 34.76*	+2.1583+.0321	−70 23 27.4*	−19.442−.068	10.0	8
7077	7043	7.4	3 37.44	+2.8190+.0177	−37 55 12.5	−19.443−.092	10.2	4
7078	8875	6.5	3 37.52	+2.8870+.0134	−29 41 2.7	−19.443−.094	10.2	4
7079	6351	7.6	3 52.44	+2.7818+.0200	−41 54 14.8	−19.448−.090	9.9	4
7080	8877	6.5*	3 55.08	+2.8894+.0133	−29 29 5.5	−19.449−.094	10.0	4
7081	5355	7.0	4 13.30	+2.6615+.0261	−51 55 3.2	−19.455−.085	10.0	4
7082	8882	7.2*	4 18.94	+2.8924+.0132	−29 15 34.0	−19.457−.093	9.9	4
7083	2546	7.4	4 19.78	+2.5081+.0313	−60 20 17.9	−19.458−.080	10.1	4
7084	7886	5.5	4 22.52	+2.8047+.0124	−27 35 33.3	−19.458−.094	9.9	4
7085	6957	7.1	4 25.75	+2.8128+.0184	−38 59 5.4	−19.460−.090	10.2	4
7086	1897	3.2	4 36.46	+3.3922−.0363	+44 59 13.7	−19.463−.110	10.1	22
7087	3189	4.0	4 44.49	+2.5520+.0304	−58 29 14.7	−19.466−.081	10.1	4
7088	4238	7.2	4 48.32	+2.5895+.0292	−56 34 41.6	−19.468−.082	10.0	4
7089	2075	5.4	4 48.99	+2.4866+.0321	−61 27 34.3	−19.468−.078	10.2	5
7090	1633	7.2*	4 50.31	+2.3912+.0337	−64 56 27.6	−19.468−.075	10.2	4
7091	2558	7.7	5 3.42	+2.4984+.0320	−61 4 17.2	−19.473−.078	9.8	4
7092	8813	9.1	5 24.46	+2.8767+.0147	−31 50 16.0	−19.480−.091	10.2	1
7093	7110	9.7	5 29.43	+2.7572+.0221	−45 2 16.7	−19.482−.086	10.2	1
7094	6560	8.3	5 31.91	+2.7213+.0240	−48 8 29.9	−19.483−.085	10.0	4
7095	6774	7.7	5 32.93	+2.7808+.0208	−42 50 39.1	−19.483−.087	9.9	4
7096	8816	5.8	5 33.70	+2.8770+.0147	−31 52 43.4	−19.483−.090	9.7	9
7097	8688[1]	9.8	5 36.98	+2.8976+.0133	−29 6 43.7	−19.484−.091	9.9	4
7098	8896	6.9	5 37.86	+2.8962+.0134	−29 18 20.6	−19.485−.091	10.1	4
7099	8688[2]	8.3	5 37.98	+2.8976+.0133	−29 6 43.4	−19.485−.091	9.9	4
7100	9567	7.3	5 41.28	+2.9254+.0113	−25 7 7.5	−19.486−.092	10.0	4

7076S.P. $34^{s}.89$, $27''.3$, 10.3, 7.

No.	Name	Mag.	R. A. 1910	Prec. and Sec. Var.	Decl. 1910	Prec. and Sec. Var.	Epoch.	No. Obs.
		M	h m s	s s	° ′ ″	″ ″		
7101	4354	7.3	11 5 42.81	+2.6373+.0280	-54 13 36.4	-19.486-.082	10.0	4
7102	3216	7.1	5 49.17	+2.5647+.0306	-58 20 58.4	-19.488-.079	9.9	4
7103	7116	8.5	6 4.40	+2.7604+.0222	-45 2 49.9	-19.494-.086	10.0	4
7104	7019	7.4	6 4.46	+2.8494+.0168	-35 36 26.1	-19.494-.089	10.1	4
7105	8500	7.4*	6 7.92	+2.9240+.0115	-25 30 22.0	-19.495-.091	10.1	4
7106	8823	7.3	6 15.37	+2.8779+.0149	-32 4 31.8	-19.497-.089	10.0	4
7107	6240	7.7	6 33.75	+2.7152+.0249	-49 9 52.6	-19.504-.083	10.0	4
7108	7122	7.1	6 40.41	+2.7633+.0224	-45 5 43.8	-19.506-.085	9.9	4
7109	7033	7.8	6 44.72	+2.8511+.0169	-35 44 11.4	-19.507-.088	10.0	4
7110	3116	7.2	6 51.86	+2.5429+.0320	-59 53 44.5	-19.510-.077	9.9	4
7111	4387	6.3	7 1.30	+2.5832+.0308	-57 57 59.5	-19.513-.078	9.8	4
7112	3095	4.5	7 13.79	+2.9472+.0100	-22 20 3.8	-19.517-.090	10.0	25,40
7113	6798	7.4	7 15.75	+2.7886+.0212	-42 58 14.0	-19.518-.084	10.0	4
7114	5910	8.0	7 19.76	+2.7138+.0254	-49 40 49.1	-19.519-.082	10.2	4
7115	4394	8.0	7 20.51	+2.6526+.0283	-54 4 4.5	-19.519-.080	10.2	4
7116	6565	7.8	7 21.64	+2.8064+.0201	-41 10 30.5	-19.520-.085	10.2	4
7117	270	7.2	7 30.00	-0.5882-.4845	-85 15 39.9	-19.522+.028	9.8	4
7118	8412	6.5	7 34.47	+2.9226+.0120	-26 19 2.6	-19.524-.088	10.0	4
7119	8519	7.0*	7 35.42	+2.9271+.0117	-25 38 44.8	-19.524-.088	10.0	4
7120	396	7.9	7 38.05*	+0.2170-.2353	-83 56 56.8*	-19.525+.001	10.0	3
7121	3156	8.6	7 41.71	+2.5512+.0324	-59 53 17.4	-19.526-.076	10.2	4
7122	3164	*	7 48.25	+2.5509+.0324	-59 57 15.3	-19.528-.076	10.2	4
7123	3165	7.2	7 49.46	+2.5538+.0324	-59 49 16.8	-19.529-.076	10.2	4
7124	3166	*	7 49.84	+2.5514+.0324	-59 56 23.8	-19.529-.076	10.1	2
7125	8847	6.5	7 54.38	+2.8847+.0150	-31 56 41.3	-19.530-.086	9.9	4
7126	8911	7.2	7 57.07	+2.9037+.0136	-29 17 35.6	-19.531-.087	10.0	4
7127	6771	6.5	8 0.90	+2.7637+.0230	-45 46 39.2	-19.533-.082	10.1	4
7128	4405	6.4	8 9.37	+2.5941+.0312	-57 56 2.3	-19.535-.077	10.1	4
7129	1336	6.2	8 9.97	+2.2048+.0361	-70 56 49.2	-19.535-.064	10.2	4
7130	7286	7.8	8 17.77	+2.8639+.0167	-34 54 46.4	-19.538-.085	10.2	4
7131	2643	8.9	8 20.23	+2.5375+.0332	-60 49 22.5	-19.539-.074	10.3	4
7132	6840	7.3*	8 26.59	+2.7586+.0236	-46 28 38.9	-19.541-.082	9.9	4
7133	6263	5.7	8 26.83	+2.7343+.0249	-48 36 44.2	-19.541-.081	10.3	4
7134	1641	7.7	8 35.00	+2.4427+.0357	-64 43 46.5	-19.544-.071	10.1	4
7135	3190	4.7	8 44.10	+2.5626+.0327	-59 49 40.8	-19.547-.075	10.2	4
7136	1338	7.2	8 44.27	+2.2247+.0367	-70 43 40.3	-19.547-.064	10.4	4
7137	8531	7.2	8 48.56	+2.9283+.0120	-25 58 32.5	-19.548-.086	10.2	4
7138	5937	6.3	8 50.28	+2.7292+.0254	-49 14 47.5	-19.549-.080	10.0	4
7139	1678	8.2	9 1.26	+2.3602+.0371	-67 31 0.7	-19.552-.068	10.0	4
7140	1860	5.5	9 1.53	+2.4766+.0354	-63 40 48.3	-19.552-.071	10.1	5
7141	6872	5.8	9 2.75	+2.7891+.0220	-43 52 56.5	-19.553-.081	10.2	4
7142	5943	7.1	9 11.22	+2.7268+.0258	-49 37 58.0	-19.555-.079	10.3	4
7143	3098	7.3	9 15.38	+2.9509+.0102	-22 30 31.8	-19.557-.086	10.2	4
7144	2298	2.6	9 19.43	+3.1851-.0130	+21 1 0.8	-19.558-.094	9.8	45,51
7145	6622	7.9	9 26.03	+2.7552+.0243	-47 19 57.5	-19.560-.080	10.0	4
7146	2234	3.4	9 31.12	+3.1558-.0097	+15 55 17.7	-19.562-.092	9.9	8,14
7147	4317	7.5	9 33.00	+2.6306+.0307	-56 33 41.7	-19.562-.076	10.2	4
7148	4350	5.9	9 36.32	+2.6893+.0280	-52 44 33.5	-19.563-.077	10.3	4
7149	3315	6.0	9 36.84	+2.5850+.0326	-59 7 45.0	-19.564-.074	10.2	4
7150	5472	8.1	9 43.57	+2.7094+.0270	-51 18 41.3	-19.566-.078	10.2	4

7120S.P. 38.01, 56.4, 9.5, 1.

7122-4 Joint mag. 7.7

No.	Name	Mag.	R. A. 1910	Prec. and Sec. Var.	Decl. 1910	Prec. and Sec. Var.	Epoch.	No. Obs.
		M	h m s	s s	° ′ ″	″ ″		
7151	4355	7.0*	11 9 46.84	+2.6958+.0278	−52 21 51.2	−19.567−.077	10.3	4
7152	6881	7.6	9 50.78	+2.8001+.0217	−43 11 58.2	−19.568−.080	10.3	4
7153	6632	7.2	9 56.99	+2.7497+.0249	−48 6 37.8	−19.570−.079	10.2	4
7154	8542	7.5	10 12.72	+2.9346+.0119	−25 35 3.4	−19.575−.084	10.1	4
7155	6834	7.5	10 18.70	+2.8104+.0213	−42 21 43.5	−19.577−.080	9.9	4
7156	4230	7.9	10 20.10	+2.6535+.0302	−55 33 24.5	−19.577−.075	9.4	1
7157	276	6.6	10 21.89	−0.7847−.5909	−85 44 31.2	−19.578+.033	9.6	4
7158	3340	9.2	10 22.82	+2.5996+.0326	−58 44 32.2	−19.578−.073	10.2	4
7159	6899	6.4	10 40.98	+2.8041+.0219	−43 14 35.4	−19.584−.079	10.0	4
7160	3355	9.1	10 41.09	+2.5997+.0328	−58 53 13.3	−19.584−.073	10.2	4
7161	7964	7.0*	10 42.78	+2.8885+.0158	−32 49 42.7*	−19.584−.082	10.0	4,3
7162	720	7.4	10 48.80	+1.9876+.0323	−75 18 0.2	−19.586−.053	10.2	4
7163	7022	6.7	10 51.96	+2.8424+.0193	−38 59 10.0	−19.587−.080	10.2	4
7164	7120	8.9	10 55.67	+2.8510+.0187	−37 57 48.6	−19.588−.080	10.2	1
7165	7121	7.8	10 58.11	+2.8512+.0187	−37 57 2.8	−19.589−.080	10.1	4
7166	3366	9.2	10 58.76	+2.6062+.0328	−58 41 2.9	−19.589−.072	10.0	4
7167	4486	7.7	11 9.09	+2.6242+.0322	−57 46 6.4	−19.592−.073	9.9	4
7168	6607	7.8	11 13.34	+2.8270+.0206	−41 1 10.1	−19.594−.079	10.1	1
7169	6606	7.3	11 13.62	+2.8309+.0203	−40 33 59.6	−19.594−.079	10.0	4
7170	3372	9.3	11 16.05	+2.6045+.0331	−58 55 31.7	−19.595−.072	10.3	4
7171	7126	7.5	11 16.43*	+2.8540+.0187	−37 46 2.2	−19.595−.080	10.1	3,4
7172	3104	7.2	11 16.64	+2.9562+.0104	−22 25 32.6	−19.595−.083	10.0	4
7173	6438	7.5	11 17.71	+2.8176+.0213	−42 7 28.8	−19.595−.078	10.0	4
7174	4488	8.3	11 18.77	+2.6270+.0322	−57 41 25.4	−19.595−.072	10.3	4
7175	1689	7.2	11 19.28	+2.3809+.0389	−67 50 14.0	−19.596−.065	10.3	4
7176	1501	7.8	11 20.72	+2.3043+.0393	−69 52 11.5	−19.596−.062	10.4	4
7177	7027	7.2	11 33.37	+2.8468+.0193	−38 50 13.9	−19.600−.079	10.0	4
7178	1807	6.0	11 37.81	+3.4058−.0432	+49 58 4.1	−19.601−.096	9.6	4
7179	1649	6.8	11 40.79	+2.4437+.0382	−66 1 15.6	−19.602−.066	10.3	4
7180	4352	6.6	11 43.56	+2.6445+.0317	−56 51 52.5	−19.603−.072	10.1	4
7181	6664	6.9	11 43.60	+2.7683+.0248	−47 25 46.2	−19.603−.076	10.1	4
7182	4498	7.9	11 45.22	+2.6342+.0322	−57 29 57.8	−19.604−.072	10.3	4
7183	6897	7.4	11 49.33	+2.7754+.0244	−46 48 49.6	−19.605−.076	10.3	4
7184	6609	7.2	11 51.72	+2.8343+.0204	−40 31 49.1	−19.606−.078	10.2	4
7185	7130	8.6	11 54.71	+2.8602+.0185	−37 20 7.2	−19.606−.078	10.2	4
7186	4419	7.5	11 57.19	+2.6795+.0301	−54 43 3.2	−19.607−.073	10.3	4
7187	7605	6.8	11 59.83	+2.8838+.0167	−34 10 36.7	−19.608−.079	10.2	4
7188	4422	7.9	12 4.97	+2.6842+.0299	−54 27 37.1	−19.609−.073	10.3	4
7189	3315	4.8	12 5.15	+3.0572+.0008	− 3 9 34.2	−19.609−.084	9.3	5
7190	7968	7.4	12 8.62	+2.9274+.0132	−27 38 19.4	−19.610−.080	10.3	4
7191	6837	7.1	12 16.61	+2.7924+.0236	−45 23 25.2	−19.613−.076	10.1	4
7192	657	7.7	12 27.38	+1.8777+.0280	−77 1 37.6	−19.616−.048	10.3	4
7193	1694	7.0	12 31.02	+2.4020+.0397	−67 42 26.1	−19.617−.064	10.2	4
7194	7142	6.8	12 35.15	+2.8588+.0189	−37 54 28.9	−19.618−.077	10.1	4
7195	5527	8.8	12 36.68	+2.7289+.0278	−51 23 35.3	−19.619−.073	10.0	4
7196	7339	8.8	12 37.37	+2.8844+.0169	−34 26 9.0	−19.619−.078	10.2	4
7197	2505	9.3	12 41.26	+3.0654+.0000	− 1 29 22.4	−19.620−.083	10.4	1
7198	1697	8.5	12 45.11	+2.4042+.0400	−67 44 22.4	−19.621−.064	10.0	1
7199	6843	8.2	12 46.04	+2.7901+.0240	−45 55 18.3	−19.622−.075	10.0	4
7200	2765	9.7	12 46.16	+2.5924+.0347	−60 20 6.2	−19.622−.069	10.0	4

7161 (40″.0) 7171 (16ˢ.64).

No.	Name	Mag.	R. A. 1910	Prec. and Sec. Var.	Decl. 1910	Prec. and Sec. Var.	Epoch.	No. Obs.
		M	h m s	s s	° ′ ″	″ ″		
7201	7146	6.2	11 12 54.06	+2.8631+.0188	−37 31 23.3	−19.624−.077	10.2	4
7202	6618	7.1	12 55.37	+2.8364+.0208	−40 53 58.3	−19.624−.076	10.2	4
7203	6936	8.2	12 55.73	+2.8154+.0223	−43 19 38.5	−19.625−.076	10.2	4
7204	4434	7.0	12 55.83	+2.6935+.0300	−54 17 2.1	−19.625−.072	10.3	4
7205	6450	6.9	12 58.99	+2.8321+.0211	−41 26 33.0	−19.626−.076	10.2	4
7206	1953	8.1	13 16.26	+2.5555+.0366	−62 22 19.8	−19.631−.067	10.3	4
7207	7996	6.8	13 17.25	+2.8965+.0162	−33 2 49.5	−19.631−.077	10.2	4
7208	3301	7.2	13 18.09	+2.6175+.0341	−59 16 41.0	−19.631−.069	10.2	4
7209	7345	6.4	13 18.53	+2.8884+.0169	−34 14 44.2	−19.631−.077	10.2	4
7210	7111	7.0	13 23.98	+2.8761+.0179	−36 2 35.7	−19.633−.076	10.3	4
7211	3424	7.0	13 29.64	+2.6310+.0336	−58 36 49.7	−19.635−.069	10.3	4
7212	2098	3.7	13 37.21	+3.2509−.0225	+33 35 7.8	−19.637−.087	9.9	8,10
7213	1703	6.1	13 38.52	+2.4297+.0403	−67 19 53.5	−19.637−.063	10.1	4
7214	7988	10.0	13 39.09	+2.9318+.0133	−27 40 19.4*	−19.637−.078	10.3	3
7215	1959	7.7	13 40.36	+2.5463+.0372	−62 59 4.0	−19.638−.066	10.2	4
7216	6855	8.4	13 45.26	+2.7990+.0240	−45 36 22.8	−19.639−.074	10.2	4
7217	3431	7.5	13 49.67	+2.6324+.0338	−58 42 57.6	−19.640−.068	10.2	4
7218	3433	7.4	13 55.57	+2.6328+.0339	−58 44 40.7	−19.642−.068	10.2	4
7219	1704	7.1	13 57.10	+2.4246+.0407	−67 37 34.7	−19.643−.062	10.3	4
7220	6354	7.6	14 9.27	+2.7745+.0259	−48 17 44.4	−19.646−.072	10.1	4
7221	9863	6.7*	14 10.26	+2.9552+.0113	−23 51 5.0	−19.646−.077	9.7	4
7222	1963	7.5	14 17.08	+2.5642+.0371	−62 29 0.2	−19.648−.066	10.0	4
7223	4555	7.0	14 43.61	+2.6577+.0333	−57 41 39.3	−19.656−.068	9.9	4
7224	3345	3.8	14 50.39	+3.0059+.0065	−14 17 29.0	−19.658−.078	10.1	37,42
7225	7034	7.3	14 52.77	+2.8531+.0205	−40 0 27.9	−19.659−.073	10.1	4
7226	8004	7.5	15 1.80	+2.9341+.0136	−27 58 58.3	−19.661−.075	10.1	4
7227	828	7.9	15 22.27	+2.1883+.0423	−73 41 52.5	−19.667−.054	10.0	4
7228	8009	7.0	15 23.04	+2.9368+.0135	−27 41 42.5	−19.667−.075	9.9	4
7229	1881	6.1	15 30.37	+2.5418+.0391	−64 5 27.8	−19.669−.063	9.8	4
7230	4583	7.7	15 53.46	+2.6688+.0337	−57 39 42.6	−19.676−.066	10.1	4
7231	722	7.1	15 53.65	+2.0960+.0406	−75 19 55.8	−19.676−.050	10.2	4
7232	8013	6.7	15 55.57	+2.9376+.0136	−27 50 23.0	−19.676−.074	10.0	4
7233	638	6.3	15 55.96	+1.7368+.0200	−79 10 31.7	−19.676−.040	10.2	4
7234	3475	7.6	16 0.58	+2.6533+.0347	−58 41 42.8	−19.678−.065	10.2	4
7235	8932	7.6	16 8.19	+2.9161+.0157	−31 36 33.7	−19.680−.073	10.2	4
7236	6891	6.9	16 15.25	+2.8169+.0242	−45 14 7.4	−19.682−.070	10.1	4
7237	7145	7.5*	16 21.10	+2.8939+.0178	−35 13 31.7	−19.684−.072	10.3	4
7238	801	6.3	16 21.72*	+2.1511+.0426	−74 38 58.7*	−19.684−.051	10.1	8
7239	2835	7.6	16 24.15	+2.6240+.0365	−60 36 15.3	−19.684−.064	10.3	4
7240	1124	6.6	16 25.30	+2.2731+.0443	−72 27 55.1	−19.685−.054	10.4	5
7241	3121	8.1	16 25.62	+2.9668+.0109	−22 43 11.7	−19.685−.073	10.0	4
7242	2437	4.1	16 29.77	+3.1014−.0040	+ 6 31 21.5	−19.686−.077	10.2	20,22
7243	1238	6.4	16 33.97	+2.3200+.0445	−71 30 4.4	−19.687−.055	10.1	4
7244	7389	7.4*	16 47.80	+2.8970+.0178	−35 1 53.3	−19.691−.071	10.1	4
7245	6902	7.4	16 51.88	+2.8190+.0244	−45 23 34.6	−19.692−.069	10.0	4
7246	4498	4.3	16 53.93	+2.7286+.0310	−53 59 51.7	−19.692−.066	10.2	14
7247	8802	8.6	16 59.71	+2.9338+.0144	−29 6 4.5	−19.694−.071	10.2	4
7248	6920	7.2	17 21.32	+2.8414+.0229	−43 3 50.4	−19.700−.068	9.9	4
7249	6401	7.6	17 28.04	+2.7960+.0266	−48 16 44.4	−19.702−.067	9.9	4
7250	2850	7.5	17 36.21	+2.6339+.0371	−60 44 1.6	−19.704−.062	9.8	4

7238S.P 21ˢ.92, 58″.5, 10.2, 10. 7214 18″.9, 18″.0, 21″.4.

No.	Name	Mag.	R. A. 1910	Prec. and Sec. Var.	Decl. 1910	Prec. and Sec. Var.	Epoch.	No. Obs.
		M	h m s	s s	° ′ ″	″ ″		
7251	7006	6.3	11 18 7.19	+2.8368+.0238	-44 9 5.2	-19.712-.067	10.1	4
7252	4318	7.4	18 9.55	+2.7113+.0331	-56 6 34.5	-19.713-.063	10.2	4
7253	4630	6.9	18 12.16	+2.6863+.0347	-57 53 28.6	-19.714-.063	10.0	4
7254	4507	7.0	18 22.62	+2.7536+.0304	-52 52 34.0	-19.716-.064	10.0	4
7255	4441	8.2	18 26.50	+2.7113+.0334	-56 17 13.4	-19.717-.063	9.9	4
7256	7159	7.6	18 27.10	+2.8991+.0184	-35 44 55.1	-19.717-.068	9.9	4
7257	8825	7.4	18 39.80	+2.9429+.0142	-28 24 11.3	-19.721-.069	9.9	4
7258	5953	6.8*	18 43.22	+2.7842+.0284	-50 17 33.9	-19.722-.064	10.0	4
7259	4640	7.3	18 44.39	+2.6922+.0349	-57 49 16.9	-19.722-.062	9.9	4
7260	7163	5.1	18 50.96	+2.9012+.0184	-35 40 15.0	-19.724-.067	9.9	8
7261	662	6.4	18 54.79	+2.0308+.0414	-77 6 52.0	-19.725-.044	10.3	4
7262	2257	8.3	19 0.96	+2.6271+.0389	-61 54 47.0	-19.726-.060	10.3	4
7263	4449	6.0	19 2.55	+2.7165+.0336	-56 17 7.6	-19.727-.062	9.9	4
7264	2348	4.0	19 14.03	+3.1186-.0063	+11 1 30.0	-19.730-.072	10.0	10,18
7265	3550	7.1	19 14.14	+2.6898+.0355	-58 17 37.7	-19.730-.061	10.2	5
7266	2265	8.0	19 15.97	+2.6318+.0389	-61 48 4.4	-19.730-.059	10.3	4
7267	7172	6.8	19 25.54	+2.9040+.0184	-35 35 42.5	-19.733-.066	10.0	4
7268	8525	7.6*	19 26.84	+2.9554+.0132	-26 27 52.5*	-19.733-.068	10.3	4
7269	1657[1]	7.3	19 27.27	+2.5803+.0416	-64 27 37.1	-19.733-.058	10.1	4
7270	1657[2]	5.7	19 27.78*	+2.5804+.0416	-64 27 38.7*	-19.733-.058	9.7	8
7271	4654	7.4	19 34.22	+2.7005+.0351	-57 46 18.8	-19.735-.061	9.9	4
7272	1659	7.7	19 45.53	+2.5753+.0422	-64 50 53.6	-19.738-.057	10.0	4
7273	1990	9.0	19 59.72	+2.6260+.0400	-62 32 12.3	-19.741-.058	10.0	4
7274	6529	6.4	20 3.54	+2.8626+.0227	-42 10 29.0	-19.742-.064	9.7	4
7275	7708	7.4	20 7.87	+2.9177+.0174	-33 47 29.5	-19.743-.065	10.1	5
7276	4667	7.5	20 20.32	+2.7087+.0353	-57 41 11.9	-19.747-.060	9.7	4
7277	3244	4.1	20 23.04	+3.0014+.0084	-17 11 23.0	-19.747-.067	9.7	5
7278	1248	5.7	20 35.59*	+2.3786+.0489	-71 45 43.3*	-19.750-.051	10.0	9
7279	2004	9.2	21 6.52	+2.6396+.0404	-62 27 55.1	-19.758-.057	9.7	4
7280	6972	7.9	21 7.35	+2.8625+.0234	-42 57 8.5	-19.758-.062	10.1	4
7281	7189	5.3	21 7.44	+2.9112+.0186	-35 34 7.7	-19.758-.063	10.1	22
7282	7235	6.0	21 11.47	+2.9012+.0197	-37 15 9.4	-19.759-.063	10.0	4
7283	6540	7.8	21 12.19	+2.8685+.0229	-42 10 38.0	-19.759-.062	10.1	4
7284	6984	7.1*	21 25.03	+2.8456+.0252	-45 23 6.6	-19.763-.061	10.0	4
7285	1130	6.9	21 40.84*	+2.3387+.0508	-73 8 19.6*	-19.766-.048	10.0	8
7286	3308	8.2	21 45.07	+2.9820+.0111	-22 11 18.8	-19.767-.064	10.1	4
7287	1893	5.3	21 49.15	+2.6285+.0419	-63 28 33.2	-19.768-.055	10.0	4
7288	3605	7.7	21 56.39	+2.7069+.0370	-58 51 28.4	-19.770-.057	10.2	5
7289	6992	7.3	22 4.21	+2.8667+.0237	-43 4 6.4	-19.772-.060	10.1	4
7290	4698	8.4	22 8.73	+2.7285+.0357	-57 25 50.4	-19.773-.057	9.7	4
7291	2502	6.2	22 12.01	+3.0860-.0021	+ 3 30 12.9	-19.774-.065	9.8	6
7292	2503	7.9	22 12.95	+3.0859-.0021	+ 3 29 47.9	-19.774-.065	9.4	1
7293	7243	8.0	22 20.28	+2.9038+.0201	-37 39 46.9	-19.776-.061	9.9	4
7294	2941	5.5	22 32.20	+2.6862+.0391	-60 37 12.3	-19.779-.055	10.0	4
7295	4567	5.9	22 35.45	+2.7878+.0314	-52 39 53.9	-19.780-.058	9.9	4
7296	3098	6.0	22 37.45	+3.0269+.0058	-11 51 43.8	-19.780-.063	10.1	5
7297	109	7.6	22 40.21	-6.8455-7.352	-88 44 53.7	-19.781+.170	9.8	4
7298	2018	8.0	22 49.11	+2.6609+.0411	-62 19 28.2	-19.783-.054	10.0	4
7299	2948	6.8	22 56.32	+2.6864+.0396	-60 52 26.2	-19.784-.055	10.0	4
7300	7118	7.3	23 8.00	+2.8968+.0213	-39 22 50.9	-19.787-.059	10.0	4

7270S.P. 27ˢ83, 41″.1, 10.1, 6. 7278S.P. 35ˢ84, 42″.6, 9.8, 5.

7285S.P. 41ˢ07, 20″.5, 10.1, 5, 6, (40ˢ40). 7268 52″.5, 51″.1, 53″.7, 52″.7.

No.	Name	Mag.	R. A. 1910	Prec. and Sec. Var.	Decl. 1910	Prec. and Sec. Var.	Epoch.	No. Obs.
		M	h m s	s s	° ′ ″	″ ″		
7301	8682	6.7*	11 23 10.05	+2.9711+.0129	−25 21 57.4	−19.788−.061	10.4	4
7302	2504	5.2	23 18.55	+3.0850−.0019	+ 3 21 7.2	−19.790−.063	9.8	8,21
7303	3479	9.0	23 21.10	+2.7032+.0388	−60 3 2.6	−19.790−.054	10.0	4
7304	7471	6.5	23 34.52	+2.9253+.0184	−34 49 59.8	−19.793−.059	10.2	4
7305	3485	6.8	23 37.97	+2.7068+.0389	−60 0 0.9	−19.794−.054	10.2	4
7306	4716	7.9	23 43.70	+2.7330+.0370	−58 11 5.5	−19.795−.054	10.2	4
7307	7197	7.5	23 45.25	+2.9163+.0196	−36 35 24.2	−19.796−.059	10.0	4
7308	2026	8.8	23 54.68	+2.6732+.0416	−62 18 33.8	−19.798−.053	10.1	4
7309	5731	8.0	24 0.71	+2.8093+.0307	−51 33 20.6	−19.799−.056	10.3	4
7310	7016	8.3	24 0.94	+2.8779+.0239	−42 57 44.2*	−19.799−.057	10.3	4,3
7311	335	7.8	24 3.67	+0.9210−.1210	−84 27 34.5	−19.800−.013	9.8	4
7312	7024	8.1	24 7.09	+2.8621+.0256	−45 16 43.8	−19.801−.057	10.2	4
7313	675	7.8	24 7.18	+2.0900+.0504	−78 1 35.2	−19.801−.039	10.3	4
7314	6565	5.3	24 14.84	+2.8844+.0234	−42 10 42.7	−19.803−.057	10.0	4
7315	8695	9.4	24 18.83	+2.9743+.0130	−25 21 25.5	−19.804−.059	9.3	1
7316	4730	7.5	24 25.92	+2.7464+.0367	−57 38 46.9	−19.805−.053	9.8	4
7317	4557	6.9	24 26.39	+2.7842+.0335	−54 23 13.4	−19.805−.054	10.0	4
7318	1669	7.6	24 30.43	+2.6097+.0464	−65 59 36.1	−19.806−.050	10.0	4
7319	7023	7.1	24 35.48	+2.8809+.0240	−42 59 0.2	−19.807−.056	10.0	4
7320	1381	7.6	24 36.31	+2.4880+.0521	−70 37 18.9	−19.807−.047	10.3	4
7321	4734	8.4	24 36.78	+2.7449+.0370	−57 53 54.5	−19.808−.053	10.3	4
7322	1253	6.3	24 37.07	+2.4409+.0536	−71 58 41.1	−19.808−.046	10.2	4
7323	4735	8.7	24 47.66	+2.7470+.0371	−57 51 54.4	−19.810−.053	10.2	1
7324	2033	9.5	24 49.05	+2.6810+.0422	−62 26 6.2	−19.810−.051	10.2	3
7325	2350	8.9	24 50.65	+2.6859+.0419	−62 9 24.4	−19.811−.051	9.3	1
7326	3661	7.6	24 55.50	+2.7427+.0376	−58 17 45.1	−19.812−.053	10.1	4
7327	10009	5.7	25 9.92	+2.9826+.0123	−23 58 5.1	−19.815−.057	10.1	4
7328	8121	6.8*	25 9.95	+2.9670+.0143	−27 32 4.5	−19.815−.057	10.2	4
7329	10009	8.9	25 10.46	+2.9826+.0123	−23 58 5.8	−19.815−.057	10.0	4
7330	4745	7.4	25 11.62	+2.7572+.0366	−57 20 11.4	−19.815−.052	10.0	4
7331	2039	6.6	25 12.71	+2.6749+.0431	−63 3 28.1	−19.816−.050	10.0	4
7332	9773	7.3	25 16.57	+2.9806+.0126	−24 30 21.2	−19.816−.057	10.2	4
7333	7284	6.8	25 18.92	+2.9153+.0207	−37 57 38.6	−19.817−.056	10.0	5
7334	6060	7.7	25 35.99	+2.8242+.0308	−51 10 7.9	−19.821−.053	10.1	4
7335	2122	5.9	25 39.12	+3.2630−.0318	+43 40 2.4	−19.821−.063	10.0	18
7336	7369	7.4	25 40.71	+2.8787+.0251	−44 11 41.1	−19.822−.054	10.2	4
7337	3360	5.1	25 42.96	+3.0638+.0012	− 2 30 24.9	−19.822−.058	9.7	7
7338	4572	7.9	25 45.59	+2.7909+.0342	−54 46 1.6	−19.823−.052	10.2	4
7339	8714	6.7	25 52.21	+2.9788+.0131	−25 18 8.4	−19.824−.056	10.0	4
7340	7176	7.2*	26 20.61	+2.9156+.0213	−38 44 20.7	−19.830−.054	9.9	4
7341	1904	8.1	26 21.09	+2.6834+.0440	−63 19 15.2	−19.830−.049	9.9	4
7342	6592	7.2	26 34.46	+2.9011+.0232	−41 25 47.0	−19.833−.053	9.9	4
7343	2065	8.0	26 35.30	+2.7029+.0429	−62 17 24.6	−19.833−.049	10.0	4
7344	3677	7.8	26 36.43	+2.7582+.0382	−58 18 53.9	−19.834−.050	10.2	4
7345	7384	7.3	26 49.05	+2.8832+.0255	−44 28 16.8	−19.836−.052	10.1	4
7346	7111	7.9	27 4.07	+2.8869+.0253	−44 7 53.4	−19.839−.052	10.2	4
7347	3011	6.4	27 7.60	+2.7310+.0413	−60 46 54.5	−19.840−.049	10.0	4
7348	7061	7.9	27 11.78	+2.8779+.0265	−45 35 50.3	−19.841−.051	10.1	4
7349	2370	8.7	27 12.80	+2.7175+.0425	−61 46 39.0	−19.841−.048	10.0	4
7350	7393	7.0	27 14.90	+2.8872+.0254	−44 14 31.0	−19.842−.052	9.8	4

7310 (41″.1).

No.	Name	Mag.	R. A. 1910	Prec. and Sec. Var.	Decl. 1910	Prec. and Sec. Var.	Epoch.	No. Obs.
		M	h m s	s s	° ′ ″	″ ″		
7351	6913	9.3	11 27 31.00	+2.8649+.0282	-47 43 30.0	-19.845-.051	9.9	4
7352	3692	5.0	27 36.12	+2.7598+.0393	-58 56 43.3	-19.846-.048	10.2	4
7353	3693	5.3	27 38.90	+2.7594+.0394	-59 1 8.2	-19.847-.048	10.2	4
7354	3562	7.5	27 39.32	+2.7455+.0407	-60 6 33.8	-19.847-.048	10.2	4
7355	3017	8.1*	27 40.18	+2.7445+.0408	-60 11 47.8	-19.847-.048	10.2	4
7356	2380	7.8	27 43.08	+2.7302+.0421	-61 16 34.9	-19.848-.048	10.1	4
7357	8928[1]	5.9	27 48.19	+2.9698+.0152	-28 46 12.0	-19.849-.052	10.1	3
7358	8928[2]	5.8	27 48.63	+2.9698+.0152	-28 46 4.2	-19.849-.052	10.1	3
7359	1758	8.6	27 52.91	+2.6205+.0508	-67 33 39.6	-19.850-.045	10.0	4
7360	8620	6.5	27 54.97*	+2.9806+.0138	-26 15 1.5	-19.850-.052	10.0	3,4
7361	9295	8.8	28 0.83	+2.9631+.0163	-30 28 28.4	-19.851-.052	10.2	4
7362	8931	7.6	28 3.69	+2.9711+.0152	-28 38 41.9	-19.852-.052	10.2	4
7363	864	6.9	28 4.98	+2.4500+.0594	-73 24 20.8	-19.852-.041	10.3	4
7364	417	8.3*	28 4.99	+1.4190-.0193	-83 35 55.9	-19.852-.020	10.1	4
7365	3250	6.17	28 12.95	+3.0488+.0038	- 7 19 51.6	-19.854-.053	10.4	1
7366	1605	5.9	28 19.45	+2.6498+.0495	-66 27 54.0	-19.855-.045	10.2	4
7367	3573	7.8	28 22.39	+2.7639+.0399	-59 13 14.4	-19.856-.047	10.1	4
7368	7168	5.7	28 25.02	+2.9188+.0224	-39 56 25.9	-19.856-.050	9.8	8
7369	9303	5.2	28 26.83	+2.9641+.0164	-30 35 25.3	-19.856-.051	10.2	4
7370	7280	6.8	28 27.24	+2.9407+.0196	-35 42 41.1	-19.856-.050	10.1	4
7371	9083	3.7	28 34.36	+2.9612+.0169	-31 21 34.2	-19.858-.051	9.9	16
7372	4613	8.0	28 50.30	+2.8248+.0342	-53 49 37.9	-19.861-.047	10.0	4
7373	3164	8.5	28 50.74	+2.9970+.0119	-22 38 26.5	-19.861-.051	10.3	1
7374	570	8.9	28 56.08*	+1.9410+.0494	-80 55 56.3*	-19.862-.030	9.6	3
7375	3166	9.1	29 1.98	+2.9972+.0119	-22 41 27.1	-19.863-.050	10.2	4
7376	7175	5.5	29 13.91	+2.9219+.0227	-40 5 24.4	-19.866-.049	10.0	8
7377	2454	9.6	29 23.88	+3.0715+.0003	- 0 20 24.0	-19.868-.051	10.4	1
7378	6942	9.6	29 24.47	+2.8764+.0287	-47 48 0.4	-19.868-.047	9.9	4
7379	4596	8.1	29 26.28	+2.7974+.0379	-57 8 52.1	-19.868-.046	10.0	4
7380	1557	6.7	29 30.37	+2.5933+.0554	-69 41 50.9	-19.869-.042	9.9	4
7381	4671	8.1	29 33.56	+2.8390+.0334	-52 50 23.7	-19.869-.046	9.9	4
7382	3058	8.6	29 37.99	+2.7619+.0418	-60 23 19.4	-19.870-.045	9.9	4
7383	6618	8.0	29 39.24	+2.8744+.0292	-48 19 7.7	-19.870-.047	10.0	4
7384	2521	5.8	29 45.60	+3.0835-.0018	+ 3 33 36.2	-19.872-.051	9.8	4
7385	7293	7.6	29 55.44	+2.9468+.0198	-35 42 24.4	-19.874-.048	10.1	4
7386	3717	7.5	29 55.72	+2.7794+.0405	-59 11 3.5	-19.874-.045	10.2	4
7387	4603	7.6	30 6.66	+2.8036+.0381	-57 7 47.0	-19.876-.045	10.0	4
7388	8179	6.1	30 6.92	+2.9624+.0176	-32 21 16.5	-19.876-.048	9.9	4
7389	1677	7.1	30 7.76	+2.7015+.0483	-64 54 44.4	-19.876-.043	10.0	4
7390	4637	4.8	30 29.31	+2.8383+.0346	-53 46 0.9	-19.880-.045	10.0	4
7391	9194	7.3	30 33.69	+2.9755+.0160	-29 32 3.3	-19.881-.047	10.0	4
7392	9322	7.2*	30 35.24	+2.9729+.0164	-30 13 37.4	-19.881-.047	10.0	4
7393	6630	5.6	30 38.11	+2.8785+.0297	-48 38 35.3	-19.882-.045	10.2	4
7394	4691	6.9	30 45.32	+2.8489+.0336	-52 44 41.4	-19.883-.044	10.0	4
7395	4468	6.9	30 47.70	+2.8242+.0366	-55 37 28.4	-19.884-.044	10.2	4
7396	7555	7.0	30 47.76	+2.9531+.0195	-35 6 51.8*	-19.884-.046	10.2	4,3
7397	7199	5.8	30 52.64	+2.8917+.0282	-46 52 28.8	-19.884-.045	10.0	4
7398	3075	6.7	31 4.37	+2.7764+.0424	-60 23 46.7	-19.887-.043	10.0	4
7399	6158	8.1	31 18.44	+2.8720+.0313	-50 13 32.6	-19.889-.044	9.9	4
7400	7563	8.5	31 21.36	+2.9589+.0190	-34 17 19.2	-19.890-.045	10.1	5

7374S.P. $55^{s}.68$, $54''.7$, 9.6, 1. 7360 ($55^{s}.20$). 7396 ($49''.6$).

No.	Name	Mag.	R. A. 1910	Prec. and Sec. Var.	Decl. 1910	Prec. and Sec. Var.	Epoch.	No. Obs.
		M	h m s	s s	° ′ ″	″ ″		
7401	3090	6.7	11 31 30.81	+2.7762+.0432	-60 47 24.5	-19.891-.042	10.0	5
7402	3095	7.5	31 33.60	+2.7731+.0436	-61 4 49.0	-19.892-.042	9.8	4
7403	7205	5.4	31 33.64	+2.8942+.0286	-47 8 33.0	-19.892-.044	9.8	8
7404	3095	8.5	31 35.78	+2.7737+.0436	-61 3 46.0	-19.892-.042	9.3	1
7405	2127	3.3	31 37.48	+2.7552+.0456	-62 31 18.4	-19.893-.041	10.0	19
7406	6166	7.8	31 38.97	+2.8743+.0314	-50 14 41.0	-19.893-.043	10.2	4
7407	6974	7.9	31 44.80	+2.8917+.0291	-47 43 53.1	-19.894-.043	10.1	4
7408	3102	8.5	31 52.87	+2.7763+.0437	-61 5 30.1	-19.895-.041	10.1	4
7409	1142	6.5	31 55.48	+2.5594+.0625	-72 20 43.1	-19.896-.037	10.2	4
7410	3202	4.8	32 6.89	+3.0459+.0051	- 9 18 16.0	-19.898-.045	10.1	4
7411	8199	5.9	32 6.97	+2.9669+.0183	-33 4 16.0	-19.898-.044	10.0	9
7412	7324	6.9*	32 8.39	+2.9564+.0200	-35 37 24.1	-19.898-.044	10.0	4
7413	3140	5.8	32 9.95	+2.7857+.0431	-60 33 16.0	-19.898-.041	10.2	4
7414	7845	7.6	32 11.54	+2.9628+.0190	-34 9 5.2	-19.899-.044	10.3	4
7415	7291	6.5	32 14.34	+2.9520+.0207	-36 44 21.3	-19.899-.044	10.2	4
7416	10078	7.2	32 15.42	+3.0009+.0129	-23 56 26.1	-19.899-.044	10.1	4
7417	3155	7.5	32 16.45	+2.7796+.0440	-61 10 1.9	-19.900-.040	10.2	4
7418	2458	4.5	32 20.43	+3.0716+.0005	- 0 19 36.5	-19.900-.046	9.9	24,30
7419	3159	7.9*	32 21.37*	+2.7895+.0430	-60 23 46.4*	-19.900-.040	10.2	3
7420	3161	7.6	32 22.79	+2.7813+.0440	-61 6 42.4	-19.901-.040	9.8	4
7421	3179	6.7	32 29.07	+3.0064+.0121	-22 27 4.9	-19.902-.044	10.2	3
7422	7230	7.0	32 32.17	+2.9456+.0220	-38 27 40.8	-19.902-.043	10.3	4
7423	8202	6.4	32 33.17	+2.9708+.0180	-32 29 17.0	-19.902-.043	10.2	4
7424	7231	7.4	32 38.05	+2.9459+.0220	-38 29 48.0	-19.903-.043	10.3	4
7425	7232	8.9	32 41.95	+2.9440+.0224	-38 58 9.0	-19.904-.043	10.0	4
7426	3182	5.1	32 50.41	+2.7900+.0437	-60 47 7.3	-19.905-.040	10.2	4
7427	2448	8.4	32 52.59	+2.7759+.0454	-61 59 13.9	-19.906-.039	10.3	4
7428	4658	8.0	33 5.81	+2.8630+.0347	-53 14 22.7	-19.908-.040	10.1	4
7429	7237	6.9	33 6.41	+2.9465+.0223	-38 51 37.2	-19.908-.042	10.2	4
7430	7231	7.9	33 9.44	+2.9062+.0286	-46 48 22.9	-19.909-.041	10.0	4
7431	6997	5.4	33 12.01	+2.9039+.0290	-47 14 58.6*	-19.909-.041	10.0	4
7432	1536	6.7	33 13.33	+2.6629+.0577	-69 10 33.7	-19.909-.037	10.0	4
7433	9349	7.1	33 18.24	+2.9802+.0170	-30 43 7.3	-19.910-.042	10.2	4
7434	3195	7.4	33 19.23	+2.7926+.0442	-60 59 12.1	-19.910-.039	10.2	4
7435	3649	7.3	33 19.79	+2.8052+.0427	-59 51 59.3	-19.910-.039	10.1	4
7436	3196	6.7	33 21.06	+2.7995+.0434	-60 24 18.7	-19.911-.039	10.0	4
7437	3201	7.8	33 24.24	+2.7992+.0436	-60 29 5.5	-19.911-.039	10.0	4
7438	744	5.7	33 32.51*	+2.4816+.0707	-75 23 53.4*	-19.913-.033	9.3	8
7439	2460	8.1	33 35.49	+2.7839+.0458	-61 58 12.6	-19.913-.038	10.2	4
7440	2154	7.5	33 36.85	+2.7735+.0470	-62 49 29.6	-19.913-.038	10.2	4
7441	1629	5.9	33 43.52	+2.7102+.0543	-67 7 18.0	-19.914-.037	10.3	4
7442	7153	7.3	33 47.45	+2.9187+.0274	-45 15 3.9	-19.916-.040	10.2	4
7443	8212	7.5	33 52.84	+2.9734+.0185	-33 6 26.8	-19.916-.041	10.0	4
7444	2463	5.3	33 54.71	+2.7949+.0450	-61 19 42.3	-19.916-.038	10.3	4
7445	1682	7.2	33 54.85	+2.7447+.0509	-65 9 26.2	-19.916-.037	10.4	4
7446	2163	7.6	33 57.96	+2.7790+.0470	-62 41 54.7	-19.917-.037	10.3	4
7447	2164	8.6	34 0.26	+2.7770+.0473	-62 53 32.9	-19.917-.037	10.3	4
7448	2168	6.9	34 8.30	+2.7788+.0474	-62 52 27.8	-19.918-.037	10.0	4
7449	7247	7.8	34 13.90	+2.9522+.0224	-38 44 56.7	-19.919-.040	10.0	4
7450	7224	7.0*	34 21.18	+2.9482+.0232	-39 48 15.2	-19.920-.039	9.9	4

7438S.P. $32^s.66$, $53''.3$, 10.0, 6.

7419 Mean; South star $21^s.43$, $47''.3$, 10.4, 1.

7431 $60''.1$, $57''.7$, $58''.2$, $58''.4$.

No.	Name	Mag.	R. A. 1910	Prec. and Sec. Var.	Decl. 1910	Prec. and Sec. Var.	Epoch.	No. Obs.
		M	h m s	s s	° ′ ″	″ ″		
7451	7012	7.0	11 34 24.86	+2.9109+.0293	−47 21 9.2	−19.921−.039	10.0	4
7452	7473	9.6	34 26.53	+2.9245+.0272	−44 51 42.6	−19.921−.039	10.2	4
7453	9867	6.4	34 29.13	+3.0057+.0132	−24 12 59.5	−19.922−.040	10.2	4
7454	3214	9.5	34 36.46	+2.8124+.0439	−60 23 47.4	−19.923−.037	10.2	4
7455	1268	7.4	34 39.29	+2.6221+.0647	−71 52 9.1	−19.924−.034	10.3	4
7456	4894	7.4	34 53.08	+2.8454+.0398	−57 14 26.8	−19.926−.037	10.1	4
7457	7259	8.1	34 55.35	+2.9548+.0226	−38 53 7.7	−19.926−.039	10.2	4
7458	2478	7.4	34 56.05	+2.7991+.0463	−61 55 25.2	−19.926−.036	10.2	4
7459	6217	7.6	35 1.24	+2.8935+.0328	−50 55 33.4	−19.927−.038	10.1	4
7460	2191	7.7	35 3.03	+2.7944+.0471	−62 26 3.4	−19.927−.036	10.2	4
7461	7021	8.9	35 3.78	+2.9114+.0300	−47 58 58.0	−19.927−.038	10.0	4
7462	7608	7.4	35 16.93	+2.9737+.0196	−34 28 59.5	−19.930−.038	9.9	4
7463	1685	5.1	35 18.93*	+2.7658+.0513	−64 53 55.9*	−19.930−.035	9.4	8
7464	7213	8.9	35 19.59	+2.9332+.0267	−44 8 33.3	−19.930−.038	10.2	4
7465	2488	8.0	35 20.24	+2.8103+.0456	−61 18 3.7	−19.930−.036	10.2	4
7466	7189	7.9*	35 22.24	+2.9268+.0279	−45 28 45.4	−19.930−.037	10.2	4
7467	346	7.5	35 24.46	+1.4405−.0198	−84 59 17.4	−19.931−.014	9.6	4
7468	8226	7.1	35 28.40	+2.9800+.0186	−32 57 2.4	−19.931−.038	10.1	4
7469	7180	7.5	35 28.53	+2.9283+.0277	−45 18 11.2	−19.931−.037	10.3	5
7470	7399	6.6	35 31.30	+2.9628+.0218	−37 36 32.9	−19.932−.038	10.2	4
7471	6377	6.8	35 31.44	+2.9028+.0320	−49 59 14.3	−19.932−.037	10.2	4
7472		9.5	35 32.72	+2.9629+.0218	−37 36 34.3	−19.932−.038	10.2	4
7473	7494	9.6	35 42.08	+2.9307+.0276	−45 4 50.8	−19.933−.037	10.3	4
7474	7610	4.9	35 44.42	+2.9764+.0195	−34 14 44.8	−19.934−.037	9.8	14
7475	8237	7.2	35 46.47	+2.9976+.0155	−27 59 50.5	−19.934−.038	10.3	4
7476	7264	7.6	35 46.57	+2.9598+.0226	−38 38 49.8	−19.934−.037	10.0	4
7477	2500	7.1	36 1.23	+2.8108+.0468	−61 56 0.9	−19.936−.034	10.2	4
7478	7144[1]	9.0	36 6.62	+2.9444+.0257	−42 39 23.4	−19.937−.036	10.1	4
7479	7144[2]	10.0	36 6.96	+2.9444+.0257	−42 39 33.0	−19.937−.036	9.3	1
7480	1545	7.5	36 14.44	+2.7090+.0603	−69 10 20.7	−19.938−.032	10.0	4
7481	2270	5.5	36 18.77	+3.1680−.0214	+34 42 36.1	−19.939−.039	10.4	4
7482	4691	6.0	36 21.27	+2.8867+.0358	−53 28 8.2	−19.939−.035	10.2	4
7483	2508	6.8	36 21.77*	+2.8130+.0472	−62 4 9.7*	−19.939−.034	10.2	3
7484	3239	7.2	36 32.85	+2.8314+.0449	−60 28 53.3	−19.941−.034	9.9	4
7485	2514	4.9	36 37.99	+2.8210+.0466	−61 35 27.7	−19.942−.033	10.0	4
7486	4707	7.0	36 38.31	+2.8778+.0378	−55 4 29.3	−19.942−.034	10.1	4
7487	6884	8.1	36 38.48	+2.9569+.0240	−40 23 8.5	−19.942−.035	10.0	4
7488	4693	7.7	36 39.29	+2.8851+.0366	−54 2 58.8	−19.942−.034	10.3	4
7489	9027	6.5	36 40.08	+2.9982+.0160	−28 42 9.4	−19.942−.036	10.4	4
7490	7228	8.1	36 42.04	+2.9420+.0268	−43 54 44.0	−19.942−.035	10.2	4
7491	3246	7.4	36 46.34	+2.8343+.0449	−60 25 26.9	−19.943−.033	9.9	4
7492	6398	7.9	36 48.94	+2.9134+.0320	−49 41 40.9	−19.944−.034	10.1	4
7493	7155	5.7	36 53.98	+2.9489+.0257	−42 35 48.2	−19.944−.035	10.3	4
7494	7619	7.1	36 54.04*	+2.9780+.0202	−35 6 16.4	−19.944−.035	10.1	4
7495	3248	6.8	36 54.05	+2.8335+.0453	−60 38 28.3	−19.944−.033	10.4	4
7496	6891	6.9	36 57.72	+2.9579+.0241	−40 30 57.8	−19.945−.035	10.0	4
7497	9181	5.3	37 14.15	+2.9897+.0182	−31 59 57.9	−19.947−.035	9.6	9
7498	3360	8.2	37 17.01	+3.0187+.0123	−22 9 13.2	−19.948−.035	10.2	4
7499	9182	8.4	37 17.77	+2.9900+.0182	−31 59 10.3	−19.948−.035	10.2	4
7500	6411	7.4	37 22.30	+2.9148+.0326	−50 7 38.4	−19.948−.033	10.2	4

7463 S.P. $18^s.94$, $56''.8$, 10.1, 5.

7483 Mean; N.F. $21^s.99$, $8''.7$, 10.2, 1.

7494 $54^s.18$, $53^s.98$, $53^s.99$, $54^s.02$.

No.	Name	Mag.	R. A. 1910	Prec. and Sec. Var.	Decl. 1910	Prec. and Sec. Var.	Epoch.	No. Obs.
		M	h m s	s s	° ′ ″	″ ″		
7501	1943	7.3	11 37 23.16	+2.8104+.0498	−63 19 48.5	−19.948−.032	10.0	4
7502	7258	9.2*	37 24.14	+2.9618+.0238	−40 4 22.9	−19.949−.034	10.4	4
7503	10122	6.9	37 26.15	+3.0144+.0133	−23 53 9.5	−19.949−.035	10.3	4
7504	4926	9.6	37 29.04	+2.8620+.0419	−58 5 12.2	−19.949−.032	10.1	4
7505	7516	8.0	37 33.97	+2.9412+.0280	−45 8 59.3	−19.950−.033	10.3	4
7506	3714	7.1	37 35.50	+2.8490+.0442	−59 43 53.5	−19.950−.032	10.2	4
7507	1944	8.1	37 40.00	+2.8140+.0498	−63 17 46.2	−19.951−.031	10.2	5
7508	686	7.1	37 40.99	+2.5290+.0812	−76 33 18.0	−19.951−.027	10.3	4
7509	6730	9.3	37 52.42	+2.9241+.0316	−49 2 42.2	−19.953−.033	10.0	4
7510	469	6.2	37 53.86	+2.0816+.0823	−82 36 3.3	−19.953−.021	9.6	4
7511	4706	7.3	37 56.86	+2.8743+.0407	−57 3 56.9	−19.953−.032	9.9	5
7512	2237	7.5	38 9.74	+2.8268+.0490	−62 38 35.0	−19.955−.031	9.9	4
7513	839	6.5	38 15.84*	+2.6090+.0769	−74 43 40.1*	−19.956−.028	9.5	9
7514	3728	7.6	38 18.69	+2.8545+.0448	−59 55 17.2	−19.956−.031	10.1	4
7515	1947	8.4	38 33.80	+2.8212+.0508	−63 35 4.1	−19.958−.030	9.9	4
7516	7371	6.1	38 58.09	+2.9813+.0216	−36 41 24.4	−19.962−.031	9.6	9
7517	1274	7.1	39 2.19	+2.6980+.0698	−71 56 45.3	−19.962−.027	10.1	4
7518	10134	8.6	39 4.22*	+3.0190+.0133	−23 42 59.2	−19.962−.032	10.2	3,4
7519	677	6.3	39 6.06	+2.4575+.0911	−78 48 23.7	−19.963−.024	10.1	4
7520	5983	6.8	39 9.71	+2.9165+.0351	−52 7 13.4	−19.963−.030	10.2	4
7521	4728	7.9	39 12.73	+2.9016+.0381	−54 41 46.5	−19.964−.030	10.3	4
7522	2559	5.2	39 13.19	+2.8450+.0484	−61 59 23.5	−19.964−.029	10.3	4
7523	1804	7.2*	39 24.14	+2.7760+.0602	−67 58 44.8	−19.965−.028	9.8	4
7524	9302	6.8	39 27.26	+3.0055+.0166	−29 14 56.6	−19.965−.031	10.3	5
7525	5988	8.5	39 31.19	+2.9193+.0352	−52 6 13.7	−19.966−.030	10.2	4
7526	7185	10.1	39 33.13	+2.9614+.0265	−43 2 1.7	−19.966−.030	10.2	4
7527	2250	6.2	39 34.61	+2.8452+.0492	−62 22 41.3	−19.966−.028	10.0	4
7528	648	6.6	39 57.12	+2.4114+.0970	−79 59 1.4	−19.969−.022	10.0	4
7529	3460	4.9	40 11.94	+3.0354+.0101	−17 51 1.2	−19.971−.030	9.8	10,29
7530	6769	7.4	40 12.35	+2.9416+.0317	−48 38 38.5	−19.971−.029	9.7	4
7531	4743	7.5	40 28.01	+2.9103+.0388	−54 57 42.8	−19.973−.028	10.0	4
7532	6318	7.5	40 32.34	+2.9322+.0343	−51 4 16.4	−19.974−.028	9.8	4
7533	1157	7.2	40 45.48	+2.7138+.0739	−72 39 3.2	−19.975−.025	10.0	4
7534	6777	6.3	40 46.41	+2.9456+.0318	−48 34 13.2	−19.975−.028	10.2	4
7535	7284	7.1	40 56.10	+2.9793+.0243	−40 1 1.5	−19.977−.028	10.0	4
7536	9318	8.4	40 59.49	+3.0086+.0173	−29 59 52.3	−19.977−.028	10.1	1
7537	1708	8.2	41 2.60	+2.8303+.0559	−65 29 33.4	−19.977−.026	10.2	4
7538	2479	4.2	41 14.02	+3.0860−.0029	+ 7 2 1.2	−19.979−.028	9.4	4
7539	6461	8.1	41 14.67	+2.9453+.0326	−49 20 59.7	−19.979−.027	10.2	4
7540	7564	5.4	41 16.43	+2.9627+.0287	−45 11 25.8	−19.979−.027	10.0	4
7541	1966	3.8	41 18.08	+3.1947−.0353	+48 16 42.4	−19.979−.030	10.1	13
7542	6012	8.1	41 19.72	+2.9324+.0357	−52 11 25.5	−19.980−.026	10.0	4
7543	1640	3.8	41 21.21*	+2.8259+.0576	−66 13 47.1*	−19.980−.025	9.6	8
7544	6464	8.5	41 26.72	+2.9462+.0328	−49 26 56.6	−19.980−.026	10.0	4
7545	8294	7.6	41 49.45	+3.0175+.0158	−27 27 48.8	−19.983−.026	10.0	4
7546	9941	9.5	41 49.46	+3.0249+.0138	−24 13 57.6	−19.983−.026	10.2	4
7547	7672	7.7*	41 50.84	+3.0005+.0202	−34 15 9.5	−19.983−.026	10.2	4
7548	9943	7.7	41 53.40	+3.0245+.0140	−24 28 31.9	−19.983−.026	10.2	4
7549	2487	9.2	42 2.72	+3.0717+.0011	− 0 27 16.9	−19.984−.026	10.4	1
7550	4756	7.6	42 3.03	+2.9303+.0376	−53 40 41.0	−19.984−.025	10.2	4

7513S.P. 15ˢ.97, 39″.9, 10.0, 6.

7543S.P. 21ˢ.22, 48″.6, 10.2, 8.

7518 (4ˢ.04).

No.	Name	Mag.	R. A. 1910	Prec. and Sec. Var.	Decl. 1910	Prec. and Sec. Var.	Epoch.	No. Obs.
		M	h m s	s s	° ′ ″	″ ″		
7551	1427	8.4	11 42 6.64	+2.7798+.0687	−70 24 14.3	−19.985−.023	10.0	4
7552	3786	8.8	42 8.63	+2.8944+.0460	−59 43 24.2	−19.985−.024	10.2	4
7553	3325	4.2	42 9.27	+2.8874+.0486	−60 40 40.8	−19.985−.024	9.6	8
7554	7301	5.0	42 13.45*	+2.9856+.0245	−40 0 37.6	−19.986−.025	9.8	9
7555	2611	8.0	42 14.30	+2.8813+.0491	−61 34 47.1	−19.986−.024	10.3	4
7556	1428	9.0	42 14.83	+2.7819+.0688	−70 24 36.6	−19.986−.023	10.0	4
7557	1706	7.0	42 17.10	+2.8584+.0541	−64 15 57.1	−19.986−.024	10.2	4
7558	2615	7.8	42 19.76	+2.8806+.0495	−61 47 42.4	−19.986−.024	10.1	4
7559	3330	8.3	42 30.28	+2.8921+.0475	−60 32 28.0	−19.988−.024	10.0	4
7560	7438	6.3*	42 35.76	+3.0004+.0211	−35 24 21.6	−19.988−.025	10.2	5
7561	7412	9.8	42 39.72	+2.9982+.0218	−36 21 53.7	−19.989−.025	10.2	4
7562	9337	6.6	42 45.56	+3.0150+.0173	−29 46 50.8	−19.989−.025	10.2	4
7563	2621	9.6	42 50.76	+2.8836+.0504	−62 7 41.0	−19.990−.023	10.3	4
7564	9454	7.6	42 54.32	+3.0133+.0180	−30 45 16.2	−19.990−.024	10.2	4
7565	4989	5.4	42 54.95	+2.9181+.0425	−57 11 48.4	−19.990−.023	10.1	4
7566	754	8.4	43 9.45	+2.6755+.0904	−76 7 2.9	−19.992−.020	9.8	4
7567	2358	4.5	43 20.68	+3.1092−.0106	+20 43 8.4	−19.993−.024	10.3	5
7568	8307	7.7	43 20.91	+3.0213+.0161	−27 49 22.4	−19.993−.024	10.1	4
7569	1648	7.1	43 23.13	+2.8424+.0612	−67 11 31.1	−19.993−.022	9.8	4
7570	7692	7.2*	43 33.49	+3.0061+.0207	−34 43 24.2	−19.994−.023	10.2	7
7571	5008	7.4	43 46.06	+2.9228+.0436	−57 43 12.6	−19.996−.022	10.1	4
7572	1649	4.7	43 54.36*	+2.8588+.0595	−66 18 51.1*	−19.997−.021	9.8	8
7573	7398	9.0	44 1.83	+2.9726+.0309	−47 3 15.5	−19.997−.022	10.2	4
7574	8789	5.4	44 12.20	+3.0271+.0152	−26 14 57.1	−19.998−.022	9.8	4
7575	2383	2.2	44 28.21	+3.0969−.0072	+15 4 30.5	−20.000−.022	10.0	47,60
7576	6375	7.9	44 31.30	+2.9615+.0351	−50 54 29.8	−20.000−.021	10.2	4
7577	6787	Var.	44 41.42	+2.9943+.0258	−41 15 26.1	−20.001−.021	10.1	4
7578	7307	8.4	44 45.00	+2.9814+.0298	−45 43 21.7	−20.002−.020	10.2	4
7579	4799	7.1	44 47.03	+2.9350+.0432	−57 11 28.5	−20.002−.020	10.2	4
7580	7312	7.4	44 58.60	+2.9832+.0297	−45 34 1.9	−20.003−.020	10.2	4
7581	3832	7.3	44 59.72	+2.9215+.0475	−59 55 31.5	−20.003−.019	10.3	4
7582	6385	8.2	45 5.13	+2.9680+.0345	−50 15 44.4	−20.004−.020	10.2	4
7583	6387	7.0	45 16.31	+2.9694+.0345	−50 13 13.2	−20.004−.019	10.2	4
7584	1988	4.5	45 17.92	+2.9023+.0538	−63 17 17.0	−20.005−.019	10.2	4
7585	7316	7.6	45 18.77	+2.9854+.0297	−45 30 49.8	−20.005−.019	10.0	5
7586	7240	9.5	45 21.18	+2.9944+.0270	−42 27 23.1	−20.005−.019	10.2	4
7587	7328	7.3	45 28.63	+3.0021+.0247	−39 46 33.2	−20.006−.019	10.2	4
7588	6084	7.6	45 36.01	+2.9682+.0356	−51 12 0.8	−20.006−.019	10.2	4
7589	1595	4.9	45 37.73*	+2.8458+.0699	−69 43 30.9*	−20.007−.017	10.1	8
7590	6872	8.4	45 38.19	+2.9761+.0333	−49 2 33.1	−20.007−.019	10.0	4
7591	2489	3.8	46 0.42	+3.0758−.0001	+ 2 16 18.8	−20.009−.019	9.9	28,33
7592	2677	5.6	46 2.55	+2.9186+.0519	−62 8 55.9	−20.009−.017	10.0	4
7593	8807	6.5	46 4.19	+3.0316+.0157	−26 46 39.0	−20.009−.018	10.1	2
7594	8354	7.2	46 10.38	+3.0209+.0196	−32 38 27.3	−20.010−.018	10.3	6
7595	5042	8.3	46 16.84	+2.9478+.0438	−57 19 49.3	−20.010−.017	10.3	4
7596	1165	9.1	46 22.68	+2.8123+.0824	−73 2 4.0	−20.011−.016	10.3	4
7597	8814	7.2	46 31.80	+3.0332+.0156	−26 34 46.3	−20.011−.018	10.2	4
7598	1836	8.0	46 34.23	+2.8828+.0645	−67 34 48.2	−20.012−.016	10.0	4
7599	7614	4.7	46 38.43	+2.9956+.0291	−44 40 21.4	−20.012−.017	10.2	4
7600	7333	6.9	46 42.31	+2.9992+.0280	−43 25 55.9*	−20.012−.017	10.0	4

7572S.P. $54^s.30$, $52''.1$, 10.0, .9.

7554 $13^s.61$, $13^s.29$ included.

7589S.P. $37^s.76$, $30''.5$, 9.9, 6.

7600 $57''.5$ (?), $55''.5$, $55''.3$, $55''.3$.

No.	Name	Mag.	R. A. 1910	Prec. and Sec. Var.	Decl. 1910	Prec. and Sec. Var.	Epoch.	No. Obs.
		M	h m s	s s	° ′ ″	″ ″		
7601	2691	6.8*	11 46 47.15	+2.9316+.0507	−61 20 43.7	−20.013−.016	10.2	4
7602	10227	8.0	46 52.82	+3.0395+.0137	−23 20 43.6	−20.013−.017	10.3	4
7603	1576	7.7	46 59.10	+2.8813+.0670	−68 21 38.5	−20.014−.015	10.2	4
7604	9506	6.0	47 8.38	+3.0287+.0181	−30 19 36.7	−20.014−.016	10.3	4
7605	7341	7.6	47 9.47	+3.0102+.0250	−39 48 24.0	−20.014−.016	10.3	4
7606	6415	8.4	47 15.18	+2.9808+.0358	−50 59 8.6	−20.015−.016	10.0	4
7607	2003	7.4	47 23.89	+2.9213+.0566	−64 5 41.5	−20.016−.015	10.2	4
7608	1724	5.1	47 26.74*	+2.9177+.0580	−64 42 18.2*	−20.016−.015	9.7	8
7609	4799	8.4	47 33.14	+2.9730+.0394	−53 54 30.2	−20.016−.015	10.3	4
7610	6899	7.2	47 33.83	+2.9894+.0335	−48 54 1.8	−20.016−.015	10.0	4
7611	5068	8.8	47 42.14	+2.9609+.0443	−57 17 59.8	−20.017−.015	10.2	4
7612	4836	5.7	47 42.88	+2.9644+.0431	−56 29 16.5	−20.017−.015	10.0	4
7613	2285	6.5	47 47.75	+3.1288−.0233	+38 21 50.7	−20.018−.016	10.2	14
7614	6428	6.8	47 47.99	+2.9853+.0357	−50 48 48.3	−20.018−.015	10.2	4
7615	1725	9.7	47 52.31	+2.9216+.0586	−64 54 12.5	−20.018−.014	10.1	1
7616	2725	8.0	48 4.91	+2.9422+.0524	−61 56 49.1	−20.019−.014	10.0	4
7617	2729	7.4	48 11.73	+2.9446+.0521	−61 44 3.8	−20.019−.014	10.0	5
7618	8018	4.4	48 21.56	+3.0278+.0203	−33 24 26.4	−20.020−.014	10.0	20
7619	7521	6.8*	48 43.54	+3.0246+.0223	−36 4 32.2	−20.022−.013	9.7	4
7620	1729	7.4	48 53.89	+2.9344+.0593	−64 54 13.0	−20.022−.012	10.0	4
7621	7760	6.3	48 53.98	+3.0279+.0212	−34 33 54.5	−20.022−.013	9.7	8
7622	1731	7.8	49 17.27	+2.9399+.0592	−64 47 19.4	−20.024−.012	9.7	4
7623	7531	7.7	49 36.56	+3.0293+.0220	−35 29 27.5	−20.025−.012	10.0	4
7624	9530	7.4*	49 37.33	+3.0370+.0184	−30 24 23.1	−20.026−.012	10.2	6
7625	4861	6.3	49 41.54	+2.9803+.0443	−56 54 32.9	−20.026−.011	9.9	4
7626	7536	6.5	49 54.72	+3.0278+.0233	−37 14 58.2	−20.027−.011	10.0	4
7627	4863	7.0	49 56.37	+2.9840+.0438	−56 28 7.4	−20.027−.010	9.9	4
7628	6837	7.5	49 57.06	+3.0206+.0269	−41 32 39.0	−20.027−.011	9.8	4
7629	8930	5.5	50 7.50	+3.0454+.0151	−25 12 53.7	−20.027−.011	9.9	8
7630	9537	8.4	50 13.15	+3.0380+.0190	−31 10 0.2	−20.028−.010	9.8	5
7631	1744	6.5	50 16.71	+2.9460+.0625	−65 52 24.7	−20.028−.010	9.8	4
7632	2560	5.62	50 26.14	+3.0813−.0034	+ 8 56 39.1	−20.028−.010	10.4	1
7633	6845	8.5	50 27.62	+3.0227+.0272	−41 50 8.4	−20.029−.010	10.0	4
7634	4711	6.9	50 28.08*	+2.9914+.0426	−55 35 25.7*	−20.029−.010	10.3	3
7635	2779	9.2	50 29.37	+2.9679+.0538	−62 4 36.9	−20.029−.010	10.0	4
7636	2408	6.0	50 30.96	+2.9650+.0553	−62 46 41.3	−20.029−.009	9.8	4
7637	2780	7.8	50 32.09	+2.9684+.0538	−62 4 35.9	−20.029−.009	10.0	4
7638	6849	7.3	50 49.98*	+3.0254+.0268	−41 24 9.6*	−20.030−.009	10.0	4
7639	10041	6.8	50 55.78	+3.0486+.0147	−24 21 28.6	−20.030−.009	10.0	3,4
7640	5018	7.8	50 56.90	+3.0031+.0388	−52 44 18.1	−20.030−.009	10.1	4
7641	8384	6.1	51 5.33	+3.0449+.0169	−27 58 31.8	−20.031−.009	9.9	9
7642	5105	9.6	51 13.05*	+2.9922+.0458	−57 29 7.3	−20.031−.008	9.6	4
7643	7410	6.3	51 20.48	+3.0314+.0251	−39 11 16.7	−20.032−.008	9.8	4
7644	9364	8.2	52 8.69	+3.0442+.0196	−31 46 1.0	−20.034−.007	9.7	4
7645	9365	8.3	52 10.23	+3.0443+.0196	−31 45 58.4	−20.034−.007	9.7	4
7646	7521	6.4	52 11.48	+3.0244+.0320	−46 34 18.6	−20.034−.006	9.9	4
7647	7418	7.9*	52 16.54	+3.0369+.0245	−38 20 51.5	−20.035−.006	9.6	4
7648	2455	7.3	52 26.54	+2.9870+.0562	−62 44 53.1	−20.035−.006	9.8	4
7649	8413	6.3	52 29.29	+3.0443+.0203	−32 48 51.5	−20.035−.006	10.0	6
7650	6208	6.7	52 30.87	+3.0174+.0378	−51 35 55.7	−20.035−.006	10.0	4

7608 S.P. $26^s.80$, $20''.0$, 10.5, 4.

7634 Mean; North star $27^s.98$, $24''.6$, 10.3, 1.

7638 Mean.

7642 $13^s.09$, $13^s.23$, $13^s.04$, $12^s.84$.

No.	Name	Mag.	R. A. 1910	Prec. and Sec. Var.	Decl. 1910	Prec. and Sec. Var.	Epoch.	No. Obs.
		M	h m s	s s	° ′ ″	″ ″		
7651	7803	7.6	11 52 40.61	+3.0430+.0217	−34 41 31.4	−20.036−.006	10.1	4
7652	8949	9.7	52 41.54	+3.0516+.0159	−26 5 30.5	−20.036−.006	10.3	1
7653	6982	8.5	52 42.92	+3.0249+.0339	−48 14 31.4	−20.036−.006	10.2	4
7654	8950	9.2	52 43.25	+3.0521+.0156	−25 38 38.4	−20.036−.006	10.2	4
7655	6984	6.7	52 48.31	+3.0245+.0346	−48 51 31.7	−20.036−.005	10.2	4
7656	699	9.2	52 52.68	+2.8934+.1153	−76 56 59.6	−20.036−.005	10.3	4
7657	8875	7.0	52 56.03	+3.0519+.0162	−26 33 12.2	−20.036−.005	9.8	4
7658	7567	7.1	52 56.08	+3.0404+.0243	−37 59 43.9	−20.036−.005	9.8	4
7659	2829	5.7	53 8.24	+2.9974+.0548	−61 56 51.1	−20.037−.005	10.0	4
7660	3964	6.9	53 13.94	+3.0043+.0508	−59 57 1.0	−20.037−.004	9.8	4
7661	1751	7.4	53 26.65	+2.9912+.0617	−64 49 15.8	−20.038−.004	10.3	4
7662	4914	7.3	53 27.22	+3.0152+.0447	−56 21 50.6	−20.038−.004	10.2	4
7663	8883	7.2	53 28.03	+3.0530+.0166	−27 11 26.0	−20.038−.004	10.2	4
7664	9568	7.2	53 29.00	+3.0496+.0193	−31 8 56.0	−20.038−.004	10.3	5
7665	4751	5.6	53 41.94	+3.0184+.0439	−55 48 58.7	−20.038−.004	10.0	4
7666	7273	6.9	53 42.44	+3.0325+.0332	−47 28 26.1	−20.038−.004	10.1	4
7667	7041	6.8	53 45.90	+3.0415+.0265	−40 26 47.7	−20.039−.004	10.0	4
7668	3971	7.5	53 48.14	+3.0118+.0497	−59 15 14.6	−20.039−.003	10.0	4
7669	1448	7.0	53 59.28	+2.9749+.0794	−70 14 20.2	−20.039−.003	10.2	4
7670	5081	7.6	54 5.10	+3.0279+.0390	−52 16 2.3	−20.039−.003	10.0	4
7671	766	6.9*	54 8.52	+2.9207+.1212	−77 19 27.1	−20.039−.002	10.1	4
7672	2073	5.7	54 14.89	+3.0043+.0596	−63 50 18.2	−20.040−.002	10.1	5
7673	8963	6.4	54 18.78	+3.0568+.0156	−25 24 25.6	−20.040−.002	10.2	4
7674	7438	6.6	54 35.97	+3.0407+.0311	−45 19 51.0	−20.040−.002	9.9	4
7675	6236	6.2	54 36.38	+3.0334+.0378	−51 11 43.6	−20.040−.002	10.2	4
7676	9468	7.0	54 46.68	+3.0552+.0183	−29 33 34.9	−20.041−.002	10.0	4
7677	4926	6.9	54 49.83	+3.0267+.0456	−56 39 59.3	−20.041−.001	10.0	4
7678	2485	6.6	54 51.93	+3.0154+.0564	−62 19 47.5	−20.041−.001	10.0	4
7679	7018	7.6	54 53.47	+3.0387+.0348	−48 38 20.5	−20.041−.001	9.9	4
7680	7826	7.3	54 56.40	+3.0520+.0221	−34 48 26.7	−20.041−.001	10.2	6
7681	7444	6.7	54 59.81	+3.0422+.0320	−46 7 54.4	−20.041−.001	10.1	4
7682	3557	8.0*	55 6.73	+3.0226+.0522	−60 18 7.0	−20.041−.001	10.3	4
7683	772	5.0	55 8.57*	+2.9424+.1272	−77 43 14.1*	−20.042−.000	9.5	9
7684	2498	7.8	55 14.83	+3.0197+.0566	−62 19 49.5	−20.042−.000	10.0	4
7685	2556	5.2	55 20.31	+3.0745−.0006	+ 4 9 22.8	−20.042−.001	9.7	6
7686	4772	7.9	55 21.87	+3.0328+.0444	−55 47 31.0	−20.042−.000	10.0	4
7687	7569	8.4	55 29.54	+3.0450+.0323	−46 16 51.1	−20.042−.000	10.2	4
7688	7695	8.1	55 34.05	+3.0472+.0303	−44 21 33.9	−20.042 .000	10.2	4
7689	774	6.9	55 34.94	+2.9546+.1280	−77 41 29.2	−20.042+.000	9.4	4
7690	7571	7.7	55 44.17	+3.0457+.0333	−47 9 15.5	−20.042+.000	9.8	4
7691	7034	8.0	56 12.50	+3.0470+.0355	−49 4 2.5	−20.043+.001	10.0	4
7692	2502	4.6	56 15.66	+3.0752−.0021	+ 7 6 57.9	−20.043+.001	9.8	10,34
7693	7455	9.2	56 30.48	+3.0563+.0252	−38 31 57.0	−20.044+.002	10.2	4
7694	8124	7.1*	56 48.67	+3.0602+.0213	−33 32 56.2	−20.044+.002	10.1	6
7695	4954	6.4	56 53.82	+3.0447+.0468	−57 0 7.6	−20.044+.003	10.1	4
7696	2525	9.7	56 55.99	+3.0378+.0583	−62 43 47.2	−20.044+.003	10.0	4
7697	6916	7.6	57 7.98	+3.0578+.0277	−41 19 39.3	−20.044+.003	10.1	4
7698	1600	7.0	57 8.66	+3.0298+.0762	−68 41 47.6	−20.044+.003	10.2	4
7699	8130	6.9	57 11.02	+3.0614+.0218	−34 8 58.2	−20.044+.003	10.3	4
7700	1194	6.9	57 15.70	+3.0209+.0949	−72 47 49.7	−20.044+.003	9.8	4

7683S.P. 8ˢ.87, 14″.4, 10.2, 5.

No.	Name	Mag.	R. A. 1910	Prec. and Sec. Var.	Decl. 1910	Prec. and Sec. Var.	Epoch.	No. Obs.
		M	h m s	s s	° ′ ″	″ ″		
7701	2179	5.1	11 57 32.81	+3.0861−.0269	+43 32 41.2	−20.045+.004	9.8	7
7702	7070	9.2	57 38.72	+3.0572+.0348	−48 13 23.5	−20.045+.004	10.0	4
7703	6290	7.6	57 38.92	+3.0550+.0396	−52 1 42.7	−20.045+.004	10.2	4
7704	2906	7.5	57 47.69	+3.0484+.0568	−61 54 43.7	−20.045+.004	10.2	4
7705	371	5.9	57 47.74*	+2.9217+.3178	−85 7 50.0*	−20.045+.004	9.8	9
7706	1454	6.4	57 52.81	+3.0366+.0864	−70 59 16.6	−20.045+.004	10.0	4
7707	4810	7.6	57 54.46	+3.0544+.0456	−56 3 33.5	−20.045+.004	10.0	4
7708	7466	7.9	57 55.94	+3.0629+.0254	−38 31 39.9	−20.045+.004	10.1	6
7709	1604	6.1	58 1.43	+3.0430+.0768	−68 41 26.7	−20.045+.005	9.8	4
7710	2914	6.6	58 19.14	+3.0543+.0565	−61 40 26.6	−20.045+.005	9.8	4
7711	4968	7.0	58 23.95	+3.0583+.0469	−56 45 31.9	−20.046+.005	10.0	4
7712	9629	7.5	58 24.76	+3.0669+.0198	−31 11 24.3	−20.046+.005	10.1	4
7713	2543	4.5	58 26.10	+3.0548+.0592	−62 48 42.9	−20.046+.006	10.3	4
7714	7081	7.6	58 26.82	+3.0620+.0361	−49 9 9.6	−20.046+.006	10.0	4
7715	7335	6.7*	58 29.50	+3.0628+.0344	−47 41 37.4	−20.046+.006	10.0	5
7716	2115	8.5	58 36.04	+3.0559+.0619	−63 51 0.6	−20.046+.006	10.2	4
7717	6938	5.3	58 59.65	+3.0672+.0285	−41 55 48.3	−20.046+.007	9.9	19
7718	7479	6.6	59 2.08	+3.0680+.0255	−38 30 24.6	−20.046+.007	9.7	4
7719	924	6.3	59 5.75	+3.0545+.1028	−73 42 45.9	−20.046+.007	10.1	4
7720	5217	8.3	59 9.20	+3.0649+.0480	−57 14 28.9	−20.046+.007	10.3	4
7721	4935	7.8	59 10.14	+3.0658+.0430	−54 12 43.8	−20.046+.007	9.9	4
7722	5183	7.2	59 14.64	+3.0667+.0413	−52 59 49.0	−20.046+.007	10.3	4
7723	1610	6.9	59 30.06	+3.0649+.0793	−69 1 14.8	−20.046+.008	10.1	4
7724	3463	8.1	59 35.15	+3.0716+.0138	−21 52 10.7	−20.046+.008	10.2	4
7725	4984	7.7	59 37.63	+3.0692+.0475	−56 51 47.2	−20.046+.008	10.0	4
7726	6630	6.8	59 39.09	+3.0700+.0386	−50 58 15.4	−20.046+.008	10.0	4
7727	2561	5.0	59 40.75	+3.0689+.0595	−62 39 52.5	−20.046+.008	10.2	4
7728	4946	7.9	59 59.64	+3.0725+.0444	−54 55 46.5	−20.046+.008	10.0	4
7729	1896	5.4	59 59.86*	+3.0725+.0751	−67 49 39.3*	−20.046+.008	9.6	8
7730	777	5.0	12 0 6.58*	+3.0751+.1220	−76 1 8.6*	−20.046+.009	9.9	8
7731	4058	6.5	0 6.91	+3.0736+.0511	−58 45 6.9	−20.046+.009	10.3	4
7732	2933	7.7	0 7.92	+3.0739+.0569	−61 29 44.5	−20.046+.009	10.2	4
7733	2935	8.1	0 9.63	+3.0742+.0569	−61 30 4.2	−20.046+.009	10.2	4
7734	8493	7.6	0 12.90	+3.0733+.0208	−32 18 4.6	−20.046+.009	10.0	4
7735	3697	6.0	0 18.42	+3.0757+.0547	−60 28 1.3	−20.046+.009	10.3	4
7736	1626	7.8	0 19.21	+3.0775+.0820	−69 30 2.3	−20.046+.009	10.1	4
7737	1627	8.5	0 19.69	+3.0776+.0812	−69 18 35.0	−20.046+.009	10.1	4
7738	6641	7.4	0 25.33	+3.0755+.0384	−50 41 24.8	−20.046+.009	10.2	4
7739	3704	7.0	0 29.69	+3.0777+.0552	−60 40 40.7	−20.046+.010	10.3	4
7740	8159	7.5*	0 34.35	+3.0748+.0218	−33 42 28.2	−20.046+.010	10.3	4
7741	2583	4.2	0 37.49	+3.0719−.0030	+ 9 13 58.2	−20.046+.010	9.8	29,30
7742	6776	6.8	0 41.61	+3.0773+.0373	−49 46 10.0	−20.046+.010	10.2	4
7743	7126	7.3	0 42.13	+3.0772+.0358	−48 30 20.3	−20.046+.010	10.1	6
7744	2573	7.1	0 44.23	+3.0808+.0595	−62 28 29.4	−20.046+.010	10.3	4
7745	2139	7.2	0 51.63	+3.0827+.0629	−63 46 20.3	−20.046+.010	9.8	4
7746	1612	7.8	1 8.54	+3.0899+.0809	−69 4 18.5	−20.046+.011	9.8	4
7747	1791	6.5	1 12.96	+3.0878+.0667	−65 2 44.5	−20.046+.011	9.8	4
7748	7694	6.3	1 18.93	+3.0779+.0231	−35 11 33.8	−20.046+.011	9.9	4
7749	4930	7.2	1 21.59	+3.0833+.0430	−53 45 25.9	−20.046+.011	10.2	4
7750	1614	7.4	1 27.32	+3.0942+.0793	−68 37 31.7	−20.046+.011	10.1	4

7705S.P. $47^s.85$, $50''.1$, 10.2, 9.

7729S.P. $59^s.98$, $40''.6$, 10.3, 5.

7730S.P. $6^s.70$, $8''.2$, 10.4, 5.

No.	Name	Mag.	R. A. 1910	Prec. and Sec. Var.	Decl. 1910	Prec. and Sec. Var.	Epoch.	No. Obs.
		M	h m s	s s	° ′ ″	″ ″		
7751	8503	6.6	12 1 27.84	+3.0780+.0210	−32 27 18.9	−20 046+.011	10.0	4
7752	1204	6.6	1 28.21	+3.1007+.1017	−73 3 20.2	−20.046+.011	10.1	4
7753	7658	7.0	1 34.90	+3.0798+.0255	−38 10 27.3	−20.046+.012	10.2	4
7754	1632	7.8	1 36.33	+3.0973+.0822	−69 17 49.6	−20.046+.012	10.3	4
7755	1903	6.2	1 38.11	+3.0963+.0776	−68 9 0.2	−20.046+.012	10.1	4
7756	3473	7.3	1 39.02	+3.0765+.0142	−22 17 44.6	−20.046+.012	10.3	4
7757	4079	7.8	1 39.99	+3.0885+.0514	−58 38 36.8	−20.045+.012	10.2	4
7758	1788	6.0	1 42.53	+3.0941+.0675	−65 12 29.0	−20.045+.012	10.4	4
7759	8964	9.6	1 51.90	+3.0779+.0168	−26 21 14.5	−20.045+.012	10.2	4
7760	7663	6.8	1 59.72	+3.0814+.0249	−37 21 32.6	−20.045+.012	9.8	9
7761	7481	9.8	2 7.59	+3.0845+.0310	−44 0 6.2	−20.045+.013	10.0	4
7762	2145	4.3	2 10.88*	+3.0987+.0645	−64 6 42.0*	−20.045+.013	9.9	14
7763	727	7.7	2 18.00	+3.1369+.1514	−78 14 23.0	−20.045+.013	10.2	4
7764	8969	9.4	2 18.38	+3.0792+.0170	−26 32 54.8	−20.045+.013	10.2	4
7765	3291	6.9	2 24.36	+3.0786+.0149	−23 15 57.7*	−20.045+.013	10.3	4
7766	2147	7.1	2 36.13	+3.1039+.0650	−64 10 51.4	−20.045+.014	10.2	4
7767	7433	7.3	2 43.89	+3.0872+.0299	−42 44 44.0	−20.044+.014	10.0	4
7768	9491	7.4	2 44.67	+3.0826+.0209	−32 9 38.1	−20.044+.014	10.2	4
7769	7791	7.2	2 53.49	+3.0894+.0323	−45 4 48.9	−20.044+.014	10.0	4
7770	9687	6.8	2 57.75	+3.0829+.0200	−30 54 24.7	−20.044+.014	10.0	4
7771	10383	6.7	3 0.44	+3.0801+.0150	−23 28 8.0	−20.044+.014	10.0	3
7772	880	5.2	3 4.68*	+3.1389+.1172	−74 51 59.0*	−20.044+.015	9.5	9
7773	7793	10.2	3 5.50	+3.0901+.0314	−44 14 0.6	−20.044+.015	10.2	4
7774	6688	6.5	3 24.83	+3.0965+.0385	−50 15 44.0	−20.044+.015	10.2	4
7775	6813	4.8	3 25.27	+3.0964+.0384	−50 9 36.0	−20.044+.015	10.0	4
7776	3771	7.6	3 27.58	+3.1078+.0556	−60 16 51.1	−20.044+.015	10.0	4
7777	7396	5.6	3 34.82	+3.0959+.0359	−48 11 28.5	−20.044+.016	10.0	4
7778	8191	6.8*	3 41.09	+3.0871+.0225	−34 10 26.8	−20.043+.016	9.8	8
7779	6697	2.9	3 41.36	+3.0984+.0385	−50 13 16.3	−20.043+.016	10.0	36
7780	3777	6.2	3 42.51	+3.1105+.0558	−60 20 46.2	−20.043+.016	10.3	4
7781	10174	4.2	3 46.12	+3.0824+.0156	−24 13 36.7	−20.043+.016	9.8	7
7782	2900	9.4	3 58.72	+3.0725+.0021	+ 0 0 48.6	−20.043+.016	10.4	2
7783	7502	5.9	4 14.24	+3.0962+.0312	−43 49 26.0	−20.042+.017	9.8	4
7784	7128	5.6	4 15.04	+3.0939+.0282	−40 43 49.3	−20.042+.017	9.8	4
7785	730	7.0	4 15.08	+3.1920+.1572	−78 16 48.1	−20.042+.017	10.0	4
7786	6710	8.7	4 25.71	+3.1040+.0393	−50 38 44.0	−20.042+.017	9.9	4
7787	4080	7.4	4 40.72	+3.1184+.0538	−59 16 6.2	−20.042+.018	10.2	4
7788	1707	7.9	4 52.98	+3.1394+.0753	−66 57 10.8	−20.041+.018	10.0	4
7789	6417	7.6	4 55.25	+3.1088+.0407	−51 38 35.2	−20.041+.018	10.2	4
7790	2517	6.1	5 4.55	+3.0713+.0009	+ 2 24 11.2	−20.041+.018	9.7	6
7791	6419	6.9	5 5.07	+3.1095+.0403	−51 16 58.7	−20.041+.019	10.0	4
7792	8538	7.6	5 8.84	+3.0920+.0218	−32 59 11.7	−20.041+.019	10.0	4
7793	7956	6.2	5 23.43	+3.0939+.0227	−34 12 12.8	−20.040+.019	10.2	4
7794	7198	8.4	5 26.49	+3.1086+.0369	−48 40 41.9	−20.040+.019	10.0	4
7795	3487	3.2	5 29.62	+3.0855+.0144	−22 7 9.2	−20.040+.019	10.0	31,37
7796	10187	7.6	5 50.06	+3.0880+.0159	−24 27 28.7	−20.040+.020	9.8	4
7797	7714	6.1	5 53.48	+3.0988+.0254	−37 22 7.3	−20.039+.020	10.0	4
7798	444	7.4	5 54.08	+3.3644+.3034	−83 16 37.4	−20.039+.021	9.6	4
7799	7679	7.9*	5 56.52	+3.0980+.0245	−36 20 2.0	−20.039+.020	10.0	4
7800	4894	7.2	5 59.32	+3.1242+.0478	−55 56 28.2	−20.039+.022	10.0	4

7762S.P. $10^s.81$, $43''.8$, 9.8, 8.

7765 $58''.1$, $57''.9$, $58''.9$, $56''.1$

7772S.P. $4^s.58$, $58''.9$, 10.3, 4.

No.	Name	Mag.	R. A. 1910	Prec. and Sec. Var.	Decl. 1910	Prec. and Sec. Var.	Epoch.	No. Obs.
		M	h m s	s s	° ′ ″	″ ″		
7801	1916	6.6	12 6 13.39*	+3.1613+.0794	−67 45 34.8*	−20.039+.021	10.1	4
7802	8539	7.4	6 13.40	+3.0915+.0180	−27 33 58.4	−20.039+.021	10.2	4
7803	3812	6.2	6 21.61	+3.1388+.0578	−60 46 34.0	−20.038+.021	10.2	4
7804	7845	6.5	6 21.90	+3.1095+.0327	−44 55 18.9	−20.038+.021	10.1	4
7805	4903	7.6	6 22.78	+3.1275+.0479	−55 54 0.7	−20.038+.021	10.0	4
7806	3305	5.4	6 25.68	+3.0885+.0151	−23 6 4.0	−20.038+.021	10.2	2
7807	7524	6.6	6 46.18	+3.1104+.0315	−43 46 52.0	−20.037+.022	10.0	4
7808	8551	8.2	6 49.95	+3.0985+.0220	−33 7 8.8	−20.037+.022	9.3	1
7809	6752	6.4	6 50.73	+3.1216+.0401	−50 51 25.0	−20.037+.022	10.2	4
7810	4982	7.0	6 54.14	+3.1277+.0446	−53 55 1.0	−20.037+.022	10.2	4
7811	6455	4.2	6 56.57	+3.1241+.0415	−51 52 2.7	−20.037+.022	9.9	17
7812	9603	7.7*	7 2.57	+3.0963+.0198	−30 6 10.0	−20.036+.022	10.0	4
7813	2619	7.6	7 13.58	+3.1548+.0636	−62 52 46.3	−20.036+.023	9.8	4
7814	2185	6.8	7 13.71	+3.1590+.0669	−64 0 34.5	−20.036+.023	10.0	4
7815	2622	7.0	7 23.98	+3.1570+.0639	−62 57 11.1	−20.036+.023	10.0	5
7816	2624	6.2	7 35.28	+3.1573+.0626	−62 27 0.2	−20.035+.024	9.8	4
7817	4097	7.1	7 40.56	+3.1487+.0556	−59 34 1.8	−20.035+.024	10.0	4
7818	8561	7.0	7 49.05	+3.1020+.0220	−32 54 16.2	−20.034+.024	10.0	4
7819	5332	7.6	7 52.45	+3.1319+.0423	−52 16 35.3	−20.034+.024	10.2	4
7820	1646	Var.	7 55.72	+3.1972+.0892	−69 39 3.6	−20.034+.025	10.0	4
7821	4102	7.9	7 57.19	+3.1514+.0556	−59 32 23.3	−20.034+.024	10.0	4
7822	4164	6.9	8 6.25	+3.1516+.0548	−59 9 16.2	−20.033+.025	9.8	4
7823	7706	7.6	8 7.11	+3.1082+.0253	−37 1 35.0	−20.033+.025	10.0	4
7824	4165	8.9	8 12.48	+3.1527+.0549	−59 9 51.0	−20.033+.025	10.0	4,3
7825	3022	8.0	8 14.58	+3.1622+.0612	−61 48 44.5	−20.033+.025	10.0	4
7826	9027	9.6	8 19.95	+3.0973+.0178	−27 0 26.0	−20.033+.025	10.2	4
7827	8252	6.6	8 32.73	+3.1056+.0226	−33 37 29.2	−20.032+.025	10.0	4
7828	7581	5.9	8 44.01	+3.1129+.0266	−38 25 41.9	−20.031+.026	9.8	4
7829	804	6.4	8 51.26	+3.3169+.1660	−78 4 21.9	−20.031+.027	9.4	4
7830	8257	6.4	8 56.15	+3.1067+.0224	−33 17 31.0	−20.031+.026	10.0	4
7831	9034	7.9	9 1.09	+3.0991+.0177	−26 49 14.9	−20.030+.026	10.0	4
7832	7168	8.9	9 12.40	+3.1182+.0285	−40 22 12.1	−20.030+.027	10.1	5
7833	5065	7.3	9 16.61	+3.1497+.0471	−54 58 52.9	−20.030+.027	10.3	4
7834	7630	5.3	9 20.11*	+3.1274+.0335	−45 13 24.3*	−20.029+.027	10.2	4
7835	9562	7.5*	9 21.70	+3.1065+.0213	−31 53 10.7	−20.029+.027	10.0	4
7836	1819	7.3	9 26.38	+3.1964+.0749	−66 2 53.8	−20.029+.028	10.0	4
7837	2203	6.4	9 27.48	+3.1851+.0677	−63 54 28.6	−20.029+.028	10.0	4
7838	4177	8.0	9 27.78	+3.1621+.0536	−58 22 33.8	−20.029+.028	10.3	4
7839	5009	8.0	9 29.86	+3.1471+.0445	−53 25 11.1	−20.029+.028	10.3	4
7840	1820	7.5	9 35.34	+3.1982+.0749	−66 1 26.4	−20.028+.028	10.0	4
7841	8266	7.3	9 37.66	+3.1094+.0224	−33 16 43.0	−20.028+.028	10.0	4
7842	9113	8.5	9 38.54	+3.0995+.0170	−25 37 34.5	−20.028+.028	9.8	4
7843	9376	9.5	10 0.25	+3.1041+.0189	−28 26 57.5	−20.027+.028	10.0	4
7844	10236	7.5	10 4.45	+3.0990+.0161	−24 16 27.0	−20.027+.028	10.2	4
7845	7182	7.4	10 17.52	+3.1240+.0289	−40 38 13.4	−20.026+.029	10.0	4
7846	196	6.6	10 18.08*	+4.7219+1.700	−87 54 53.9*	−20.026+.040	9.7	9,10
7847	4189	3.1	10 21.60	+3.1701+.0537	−58 14 53.7	−20.026+.029	9.9	24,22
7848	9379	6.5*	10 26.23	+3.1059+.0191	−28 44 10.9	−20.025+.029	9.8	2
7849	7056	6.3	10 50.34	+3.1282+.0297	−41 24 30.1	−20.024+.030	9.7	4
7850	3322	6.4	11 7.10*	+3.0998+.0153	−22 51 9.7	−20.022+.030	9.8	3,4

7801 S.P. $13^s.67$, $36''.3$, 10.8, 1.

7834 Brighter.

7846 S.P. $17^s.91$, $54''.1$, 10.1, 6.

7850 ($6^s.99$).

No.	Name	Mag.	R. A. 1910	Prec. and Sec. Var.	Decl. 1910	Prec. and Sec. Var.	Epoch.	No. Obs.
		M	h m s	s s	° ′ ″	″ ″		
7851	5026	6.7	12 11 9.43	+3.1606+.0452	−53 33 22.5	−20.022+.031	9.8	4
7852	3424	2.8	11 10.53	+3.0925+.0117	−17 2 32.2	−20.022+.030	10.1	22,35
7853	9389	8.2	11 22.49	+3.1095+.0195	−29 7 24.4	−20.021+.031	10.0	4
7854	1323	6.3	11 24.92	+3.2787+.1072	−72 6 49.8	−20.021+.032	10.3	4
7855	2284	5.8	11 37.10	+3.0133−.0225	+41 9 40.6	−20.020+.031	10.1	6
7856	2661	7.0	11 48.89	+3.2059+.0652	−62 41 51.9	−20.019+.033	10.0	4
7857	968	8.1	11 57.86	+3.3101+.1197	−73 38 36.0	−20.019+.034	10.0	4
7858	1844	6.2	12 13.36	+3.2266+.0735	−65 11 32.6	−20.018+.034	10.0	4
7859	1931	4.2	12 41.98*	+3.2508+.0827	−67 27 35.8*	−20.015+.035	9.8	8,7
7860	7307	6.8	12 48.68	+3.1567+.0380	−48 25 27.7	−20.015+.034	9.7	4
7861	7914	8.0	13 2.79	+3.1483+.0337	−44 53 34.4	−20.014+.035	9.8	4
7862	741	4.4	13 2.98*	+3.4571+.1909	−78 48 45.2*	−20.014+.037	10.0	46,59
7863	7842	6.3	13 5.10	+3.1271+.0247	−35 35 37.6	−20.013+.035	9.8	4
7864	5382	6.8	13 6.04	+3.1917+.0527	−57 21 0.6	−20.013+.035	10.0	4
7865	3890	7.6	13 15.27	+3.2117+.0611	−60 58 10.9	−20.012+.036	10.0	4
7866	10471	6.9*	13 15.42	+3.1061+.0158	−23 30 48.6	−20.012+.035	10.2	4
7867	6557	7.1*	13 23.93	+3.1718+.0429	−51 48 22.6	−20.012+.036	10.0	4
7868	2235	4.3	13 33.07	+3.2309+.0685	−63 30 10.2	−20.011+.036	10.0	4
7869	6874	7.5	13 33.22	+3.1692+.0414	−50 44 41.1	−20.011+.036	9.9	4
7870	3333	9.6	13 42.06	+3.1055+.0152	−22 26 54.6	−20.010+.036	9.3	1
7871	5113	5.0	14 11.54	+3.1891+.0478	−54 38 33.8	−20.008+.037	9.9	4
7872	3337	9.1	14 21.65	+3.1070+.0152	−22 23 18.8	−20.007+.037	10.2	4
7873	726	6.8	14 35.27	+3.4212+.1525	−76 17 59.5	−20.005+.040	10.0	4
7874	9167	8.5	14 45.96	+3.1138+.0173	−25 36 18.6	−20.004+.038	9.9	4
7875	9625	7.3	14 49.90	+3.1267+.0220	−32 5 21.0	−20.004+.038	10.0	4
7876	7343	7.6	14 53.61	+3.1724+.0392	−49 0 6.9	−20.004+.039	10.2	4
7877	2688	6.9	14 59.47	+3.2393+.0657	−62 21 16.1	−20.003+.039	10.2	4
7878	7538	7.2	15 8.29	+3.1699+.0376	−47 48 58.9	−20.002+.039	10.2	4
7879	7239	7.2	15 13.43	+3.1492+.0298	−40 51 35.1	−20.002+.039	10.3	4
7880	9090	6.8	15 14.41	+3.1163+.0178	−26 14 12.6	−20.002+.039	10.3	4
7881	7116	8.7	15 17.65	+3.1512+.0304	−41 26 44.4	−20.001+.039	10.1	4
7882	2926	4.0	15 18.04	+3.0728+.0028	− 0 10 0.3	−20.001+.038	9.9	40,51
7883	8623	8.0	15 18.37	+3.1200+.0191	−28 1 30.8	−20.001+.039	10.4	4
7884	2246	7.2	15 20.20	+3.2570+.0715	−64 8 53.4	−20.001+.040	10.3	4
7885	7809	7.6	15 22.10	+3.1407+.0264	−37 18 3.0	−20.001+.039	10.1	4
7886	1842	6.4	15 31.40	+3.2696+.0759	−65 20 34.0	−20.000+.041	10.3	5
7887	6906	7.7	15 31.50	+3.1831+.0417	−50 43 7.1	−20.000+.040	10.0	4
7888	1844	8.3*	15 33.05	+3.2696+.0758	−65 18 49.8	−20.000+.041	10.3	4
7889	2604	5.1	15 46.70	+3.0664+.0008	+ 3 48 49.2	−19.998+.039	9.8	4
7890	686	7.6	15 52.69	+3.5747+.2171	−79 33 42.7	−19.998+.045	10.1	4
7891	3514	5.3	15 53.85	+3.1094+.0149	−21 42 56.0	−19.998+.040	10.1	2
7892	7866	7.2	16 7.55	+3.1731+.0367	−46 57 19.2	−19.996+.041	10.0	4
7893	1846	8.6*	16 11.39	+3.2779+.0762	−65 20 8.9	−19.996+.042	10.2	4
7894	747	7.6	16 16.58	+3.5588+.2037	−78 58 0.6	−19.995+.045	10.2	4
7895	7125	6.9	16 21.07	+3.1585+.0312	−42 3 44.6	−19.995+.041	10.2	4
7896	3100	Var.	16 25.98	+3.2510+.0647	−61 46 55.6	−19.994+.042	10.2	4
7897	7949	9.5	16 28.30	+3.1681+.0343	−44 53 14.3	−19.994+.042	9.8	4
7898	4188	3.6	16 29.79	+3.2383+.0596	−59 54 14.0	−19.994+.042	10.0	9
7899	7024	6.5	16 58.30	+3.1881+.0402	−49 26 58.3	−19.991+.043	9.9	4
7900	5194	8.6	17 4.07	+3.2230+.0522	−56 32 58.5	−19.990+.043	10.2	4

7859S.P. $41^s.95$, $37''.1$, 10.1, 6.

7862S.P. $2^s.92$, $45''.1$, 9.8, 25, 22, ($47''.7$).

No.	Name	Mag.	R. A. 1910	Prec. and Sec. Var.	Decl. 1910	Prec. and Sec. Var.	Epoch.	No. Obs.
		M	h m s	s s	° ′ ″	″ ″		
7901	1240	6.8	12 17 5.20	+3.3982+.1208	−73 0 14.9	−19.990+.045	10.2	4
7902	5019	6.0	17 5.67	+3.2195+.0509	−55 52 30.0	−19.990+.044	10.2	4
7903	1747	5.3	17 6.62*	+3.3076+.0837	−67 1 21.1*	−19.990+.044	9.9	9
7904	1939	5.8	17 9.91*	+3.3176+.0874	−67 48 24.0*	−19.990+.045	9.8	9
7905	6926	8.8	17 15.29	+3.1962+.0424	−50 53 11.0	−19.989+.044	10.0	4
7906	8100	6.9	17 24.92	+3.1436+.0246	−35 0 46.5	−19.988+.043	9.8	4
7907	7842	7.4	17 29.91	+3.1520+.0272	−37 57 6.1	−19.988+.044	10.0	4
7908	7380	8.0	17 47.88	+3.1911+.0395	−48 49 36.2	−19.986+.045	9.8	4
7909	6630	6.8	17 56.09	+3.2052+.0439	−51 47 36.1	−19.985+.045	10.2	4
7910	5202	5.6	17 56.50	+3.2345+.0538	−57 10 35.2	−19.985+.045	10.2	4
7911	7689	6.8*	17 58.26	+3.1563+.0280	−38 40 29.4	−19.984+.045	10.0	4
7912	1886	7.2	18 0.64	+3.2898+.0732	−64 13 51.4	−19.984+.046	10.2	4
7913	10312	7.0	18 18.85	+3.1208+.0168	−24 22 23.2	−19.982+.045	10.2	4
7914	343	6.2	18 21.20*	+4.4785+.7519	−85 39 5.8*	−19.982+.061	9.5	11
7915	1752	6.4	18 22.86	+3.3264+.0851	−67 8 19.6	−19.982+.047	9.7	4
7916	7814	7.1	18 29.78	+3.1537+.0265	−36 59 27.2	−19.981+.046	10.0	4
7917	7147	7.9	18 39.10	+3.1681+.0307	−41 20 53.6	−19.980+.046	9.6	4
7918	10314	5.8	18 39.99	+3.1217+.0168	−24 20 27.8	−19.980+.046	10.1	5
7919	3938	Var.	18 40.86	+3.2699+.0637	−61 7 48.1	−19.979+.047	10.2	4
7920	3117	5.4	18 51.21	+3.1492+.0247	−34 54 48.7	−19.978+.046	10.2	4
7921	7700	6.4	18 51.26	+3.1608+.0282	−38 48 12.6	−19.978+.046	9.8	4
7922	7701	5.9	18 59.63	+3.1602+.0278	−38 24 43.2	−19.977+.047	10.0	4
7923	729	7.2	19 2.92	+3.5424+.1673	−76 42 56.8	−19.977+.051	10.0	4
7924	9709	6.6	19 4.60	+3.1362+.0207	−29 50 10.1	−19.977+.046	10.1	5
7925	7710	6.9	19 27.14	+3.1624+.0279	−38 24 54.4	−19.974+.048	9.8	4
7926	7903	6.7	19 32.63	+3.1940+.0372	−46 52 26.0	−19.973+.048	10.0	4
7927	1326	6.8	19 39.51	+3.4271+.1162	−72 6 17.0	−19.972+.051	10.0	5
7928	7401	Var.	19 43.92	+3.2044+.0400	−48 56 28.6	−19.972+.049	10.2	4
7929	1757	7.3	19 45.42	+3.3454+.0859	−67 8 1.9	−19.972+.050	10.0	4
7930	1898	7.0	19 54.30	+3.3179+.0759	−64 42 43.8	−19.970+.050	10.0	4
7931	7281	6.2	19 58.39	+3.1732+.0304	−40 53 1.2	−19.970+.049	10.0	4
7932	1862	6.4	20 15.63	+3.3287+.0782	−65 16 7.1	−19.968+.051	10.0	4
7933	7595	7.0	20 18.99	+3.2030+.0386	−47 48 37.4	−19.967+.050	10.2	4
7934	5221	9.6	20 19.99	+3.2559+.0545	−57 9 3.9	−19.967+.051	10.2	4
7935	7163	6.3	20 22.08	+3.1794+.0316	−42 0 54.0	−19.967+.050	10.0	4
7936	1650	8.0	20 22.41	+3.3812+.0958	−68 58 40.8	−19.967+.052	10.3	4
7937	9230	7.0	20 32.88	+3.1296+.0177	−25 29 20.4	−19.965+.049	10.3	4
7938	8670	6.3	20 35.48	+3.1343+.0189	−27 15 1.2	−19.965+.050	10.3	4
7939	10534	8.7	20 35.67	+3.1256+.0166	−23 53 35.0	−19.965+.049	10.4	4
7940	7996	8.9*	20 36.16	+3.1930+.0352	−45 7 36.0	−19.965+.050	10.4	4
7941	8146	5.8	20 37.00*	+3.1556+.0247	−34 41 15.6	−19.965+.050	9.7	9
7942	2270	7.2	20 47.35	+3.3156+.0721	−63 31 19.3	−19.964+.052	10.2	4
7943	7288	9.9*	20 48.17	+3.1754+.0299	−40 21 11.6	−19.963+.050	10.3	4
7944	7413	7.0	21 10.62	+3.2148+.0405	−49 5 24.1	−19.960+.052	10.0	4
7945	2521	5.2	21 25.07	+2.9696−.0198	+39 31 3.7	−19.958+.049	10.1	10
7946	2742	5.1	21 30.15	+3.3143+.0694	−62 37 23.9	−19.958+.054	9.8	4
7947	2745[1]	1.8	21 35.02	+3.3150+.0694	−62 36 1.2	−19.957+.054	9.8	9
7948	2745[2]	2.1	21 35.76	+3.3151+.0694	−62 36 3.6	−19.957+.054	9.8	9
7949	6975	5.0	21 39.72	+3.2280+.0434	−50 57 6.6	−19.956+.053	9.9	5
7950	7426	6.2	22 2.77	+3.2172+.0397	−48 24 46.0	−19.953+.054	9.8	4

7903S.P. $6^s.89$, $22''.6$, 10.0, 7.

7904S.P. $9^s.91$, $23''.4$, 10.2, 5.

7914S.P. $21^s.23$, $5''.4$, 10.1, 5.

7941 $37^s.15$ included.

No.	Name	Mag.	R. A. 1910	Prec. and Sec. Var.	Decl. 1910	Prec. and Sec. Var.	Epoch.	No. Obs.
		M	h m s	s s	° ′ ″	″ ″		
7951	5603	7.2	12 22 6.26	+3.2384+.0455	-52 12 15.4	-19.953+.054	10.0	4
7952	8713	5.7	22 6.89	+3.1540+.0229	-32 19 51.8	-19.953+.053	10.0	10
7953	10353	9.0	22 9.42	+3.1307+.0170	-24 16 41.3	-19.952+.052	10.2	4
7954	917	7.9	22 12.37	+3.5542+.1483	-74 58 28.4	-19.952+.059	10.2	4
7955	5063	7.1	22 21.05	+3.2600+.0511	-55 14 11.6	-19.951+.055	10.2	4
7956	2283	6.2	22 22.18	+3.3314+.0720	-63 17 25.6	-19.951+.056	10.2	4
7957	461	6.6	22 25.66	+4.1848+.4390	-83 18 16.7	-19.950+.068	9.9	4
7958	2288	4.6	22 27.29	+3.0007-.0124	+28 46 6.6	-19.950+.051	9.9	4
7959	4289	5.4	22 30.87	+3.2864+.0583	-58 29 37.2	-19.949+.056	10.4	4
7960	5490	6.5	22 31.18	+3.2809+.0567	-57 49 6.7	-19.949+.055	10.0	4
7961	8720	8.3	22 37.53	+3.1557+.0229	-32 16 44.3	-19.948+.054	10.3	4
7962	9503	7.5	22 43.00	+3.1435+.0198	-28 13 5.3	-19.948+.054	10.0	4
7963	1655	7.8	22 52.26	+3.4059+.0935	-68 13 50.1	-19.946+.058	10.3	4
7964	7115	4.2	23 10.06*	+3.2317+.0418	-49 43 56.1	-19.944+.056	10.0	21,22
7965	3204	6.5	23 14.34	+3.3192+.0659	-61 15 49.7	-19.943+.057	10.0	4
7966	2297	6.3	23 15.36	+3.3482+.0744	-63 50 34.0*	-19.943+.058	10.0	4
7967	3208	8.5	23 23.38	+3.3241+.0669	-61 34 39.0	-19.942+.058	10.0	4
7968	3209	6.2	23 24.18	+3.3213+.0661	-61 17 48.5	-19.942+.058	10.0	4
7969	7753	5.6	23 35.07	+3.1819+.0285	-38 32 34.5	-19.940+.056	10.0	18
7970	5084	6.2	23 39.06	+3.2759+.0528	-55 54 15.2	-19.939+.058	9.8	4
7971	7315	9.3	23 43.44	+3.1921+.0308	-40 53 9.6	-19.939+.057	10.2	4
7972	3218	7.0	23 52.82	+3.3272+.0665	-61 22 22.7	-19.937+.059	9.6	4
7973	6713	8.7	24 1.36	+3.2494+.0450	-51 40 49.6	-19.936+.058	10.0	4
7974	7123	7.8	24 7.02	+3.2407+.0426	-50 9 0.1	-19.935+.058	10.0	4
7975	7675	8.3	24 11.43	+3.2026+.0329	-42 44 9.9	-19.934+.058	10.2	4
7976	9938	9.6	24 20.53	+3.1554+.0215	-30 20 27.0	-19.933+.057	10.3	1
7977	8188	7.2	24 21.76	+3.1694+.0248	-34 20 9.4	-19.933+.058	10.3	4
7978	9942	9.4*	24 32.27	+3.1561+.0215	-30 20 4.3	-19.931+.058	10.3	4
7979	4324	7.9	24 33.51	+3.3006+.0592	-58 35 15.9	-19.931+.060	10.2	4
7980	4326	7.4	24 44.74	+3.3078+.0591	-58 31 32.0	-19.929+.060	10.2	4
7981	1256	7.0	24 55.44	+3.5322+.1253	-72 29 15.1	-19.928+.064	10.1	4
7982	5097	5.8	24 55.99	+3.2879+.0534	-56 1 39.4	-19.927+.061	9.9	4
7983	7324	8.4	24 59.81	+3.1986+.0310	-40 54 17.7	-19.927+.059	10.1	4
7984	5098	9.8	25 8.14	+3.2859+.0525	-55 34 22.9	-19.926+.061	10.1	4
7985	7219	5.9	25 8.45	+3.2008+.0314	-41 14 16.6	-19.926+.060	10.1	4
7986	7688	6.9	25 10.66	+3.2065+.0327	-42 25 55.4	-19.925+.060	10.3	4
7987	2424	5.7	25 12.03	+3.0151-.0079	+21 23 39.5	-19.925+.057	9.8	9,11
7988	3482	3.1	25 12.34	+3.1146+.0120	-16 0 52.1	-19.925+.058	9.9	44,52
7989	4070	6.8	25 16.97	+3.3325+.0645	-60 29 32.4	-19.924+.062	10.2	3
7990	9727	7.8	25 17.94	+3.1630+.0225	-31 33 43.1	-19.924+.059	10.0	4
7991	1258	7.0	25 18.70	+3.5423+.1267	-72 35 28.1	-19.924+.066	10.1	4
7992	922	7.5	25 24.09	+3.6205+.1523	-74 54 11.5	-19.923+.067	9.9	4
7993	3383	5.9	25 34.67	+3.1363+.0165	-23 11 57.4	-19.921+.059	9.7	2
7994	5105	9.3	26 4.09	+3.2938+.0527	-55 34 10.1	-19.916+.063	10.0	4
7995	9782	7.5	26 9.92	+3.1610+.0215	-30 10 48.0	-19.916+.061	10.1	5
7996	5272	1.6	26.10.04	+3.3035+.0550	-56 36 33.6	-19.916+.063	10.0	20
7997	5274	6.6	26 16.96	+3.3043+.0550	-56 35 1.4	-19.914+.064	9.6	4
7998	693	7.1	26 19.83	+3.8823+.2424	-79 17 12.6	-19.914+.073	9.9	4
7999	9957	7.8	26 22.73	+3.1652+.0223	-31 8 17.7	-19.913+.062	10.2	4
8000	7340	7.9	26 29.17	+3.2065+.0313	-41 0 27.4	-19.912+.062	10.2	4

7964 ($10^s.28$). 7966 $35''.7$, $33''.9$, $33''.1$, $33''.2$

No.	Name	Mag.	R. A. 1910	Prec. and Sec. Var.	Decl. 1910	Prec. and Sec. Var.	Epoch.	No. Obs.
		M	h m s	s s	° ′ ″	″ ″		
8001	840	8.0	12 26 31.59	+3.7801+.2017	-77 41 48.5	-19.912+.072	10.3	4
8002	9546	9.5	26 34.80	+3.1568+.0204	-28 35 0.3	-19.911+.062	10.2	2
8003	4344	5.4	26 38.27	+3.3297+.0607	-58 55 36.0	-19.911+.065	10.2	4
8004	1261	6.0	26 43.02	+3.5656+.1274	-72 30 13.8	-19.910+.069	10.0	4
8005	2805	6.1	26 49.54	+3.3789+.0731	-63 0 32.7	-19.909+.066	10.0	4
8006	9961	6.9	26 52.22	+3.1646+.0218	-30 29 5.0	-19.908+.062	10.0	4
8007	5536	7.3	26 53.30	+3.3209+.0580	-57 47 36.8	-19.908+.065	10.3	4
8008	5117	7.6	27 2.40	+3.3039+.0535	-55 47 28.6	-19.907+.065	10.1	4
8009	9295	9.6	27 3.89	+3.1478+.0182	-25 34 6.4	-19.906+.062	10.3	5
8010	1336	4.0	27 4.73*	+3.5471+.1201	-71 38 9.1*	-19.906+.069	9.9	19
8011	3261	9.6	27 8.75	+3.3696+.0698	-62 0 7.2	-19.906+.066	10.4	4
8012	7344	7.3	27 9.01	+3.2077+.0309	-40 33 27.2	-19.906+.064	10.2	4
8013	5120	6.6	27 9.52	+3.3036+.0532	-55 37 57.6	-19.905+.065	10.0	4
8014	1266	8.3	27 10.86	+3.5949+.1344	-73 9 33.1	-19.905+.070	10.1	4
8015	927	7.9	27 15.78	+3.6618+.1556	-74 56 13.6	-19.904+.072	9.6	4
8016	9746	6.6	27 18.10	+3.1719+.0231	-32 2 11.5	-19.904+.063	9.9	4
8017	9180	7.3*	27 25.18	+3.1540+.0193	-27 4 9.9	-19.903+.063	10.2	3
8018	3489	4.2	27 25.83	+3.1174+.0120	-15 41 52.1	-19.903+.063	9.3	4
8019	9757	7.4	27 48.68	+3.1735+.0231	-31 58 2.6	-19.899+.064	9.9	4
8020	9798	6.8	28 4.47	+3.1651+.0212	-29 32 53.1	-19.896+.065	9.8	4
8021	7986	7.6	28 12.86	+3.2458+.0382	-46 32 55.0	-19.894+.067	10.0	4
8022	6792	6.7	28 15.35	+3.2798+.0458	-51 35 9.0	-19.894+.068	10.0	4
8023	5547	7.7	28 18.83	+3.3283+.0570	-57 13 10.7	-19.893+.068	9.8	4
8024	7184	7.4	28 19.26	+3.2699+.0434	-50 9 16.4	-19.893+.067	10.0	4
8025	5241	7.6*	28 20.71	+3.3035+.0511	-54 29 3.0	-19.893+.068	10.2	4
8026	1684	7.4	28 22.68	+3.4862+.0976	-68 15 4.9	-19.893+.071	10.0	4
8027	7357	6.8	28 38.17	+3.2169+.0315	-40 55 1.5	-19.890+.067	9.8	4
8028	8753	9.4	28 39.92	+3.1610+.0200	-27 57 6.6	-19.889+.066	10.2	4
8029	5133	7.7	28 57.25	+3.3229+.0546	-56 4 26.0	-19.886+.070	10.0	4
8030	5135	8.0	28 59.80	+3.3191+.0536	-55 37 53.7	-19.886+.070	10.3	4
8031	7195	6.5	29 4.60	+3.2699+.0424	-49 24 43.2	-19.885+.069	9.9	4
8032	3395	8.3	29 4.69	+3.1444+.0166	-23 0 59.9*	-19.885+.066	10.2	4,3
8033	7197	7.5	29 13.04	+3.2719+.0427	-49 33 49.8	-19.883+.069	10.3	4
8034	3399	7.5	29 21.14	+3.1452+.0167	-23 3 1.1	-19.882+.067	10.2	4
8035	9775	7.0	29 25.38	+3.1778+.0229	-31 35 48.2	-19.881+.068	10.2	4
8036	2321	4.3	29 28.22	+2.9190-.0203	+41 50 47.1	-19.881+.063	10.1	13
8037	2005	6.2	29 37.24	+3.4835+.0929	-67 15 38.2	-19.879+.074	10.0	4
8038	3401	2.8	29 39.44	+3.1454+.0166	-22 53 56.9	-19.878+.068	9.9	29,30
8039	7755	5.9	29 49.87	+3.2410+.0354	-44 10 17.7	-19.876+.070	10.0	4
8040	7370	9.0	29 59.25	+3.2227+.0315	-40 44 25.0	-19.875+.070	10.0	4
8041	2009	7.6	30 12.85	+3.5042+.0965	-67 51 17.0	-19.872+.076	10.0	4
8042	3296	7.0	30 21.66	+3.3942+.0686	-61 14 39.4	-19.870+.074	9.9	5
8043	3298	6.3	30 24.33	+3.3960+.0690	-61 20 37.2	-19.870+.074	10.0	5
8044	2584[1]	6.7	30 35.53	+3.0117-.0061	+18 52 20.6	-19.868+.067	9.5	1
8045	2584[2]	5.2	30 36.96	+3.0117-.0061	+18 52 20.5	-19.867+.067	9.9	12,22
8046	7376	5.2	30 54.71	+3.2261+.0314	-40 31 34.1	-19.864+.072	9.8	4
8047	1834	7.4	31 8.73	+3.4924+.0908	-66 40 30.6	-19.861+.078	9.8	4
8048	7717	5.9	31 10.29	+3.2212+.0302	-39 22 23.5	-19.861+.072	10.1	4
8049	6827	6.8	31 12.90	+3.3041+.0470	-51 55 18.1	-19.860+.074	10.2	4
8050	7285	8.2	31 13.78	+3.2349+.0328	-41 48 52.7	-19.860+.072	10.0	4

8010 S.P. $4^s.78$, $9''.3$, 9.8, 9. 8032 ($57''.3$).

No.	Name	Mag.	R. A. 1910	Prec. and Sec. Var.	Decl. 1910	Prec. and Sec. Var.	Epoch.	No. Obs.
		M	h m s	s s	° ′ ″	″ ″		
8051	2957	9.5	12 31 28.90	+3.0703+.0033	+ 0 41 9.6	-19.857+.070	10.4	1
8052	9216	8.8	31 30.77	+3.1656+.0195	-26 56 0.0	-19.857+.072	10.0	4
8053	7765	7.4	31 32.88	+3.2435+.0342	-42 59 32.4	-19.856+.073	9.9	4
8054	7854	6.8*	31 47.14	+3.2212+.0297	-38 49 50.2*	-19.854+.073	9.9	5,4
8055	1702	2.9	31 48.37*	+3.5452+.1023	-68 38 22.8*	-19.853+.080	10.0	32
8056	7233	6.6	31 48.87	+3.2916+.0436	-49 50 22.0	-19.853+.075	10.0	4
8057	9797	7.9	32 5.48	+3.1876+.0232	-31 40 48.2	-19.850+.073	10.1	4
8058	3535	5.9	32 9.12	+3.0900+.0064	- 5 20 10.2	-19.849+.072	9.8	4
8059	7393	8.1*	32 25.37	+3.2324+.0313	-40 18 59.4	-19.846+.075	10.0	4
8060	8298	7.9	32 25.50	+3.2026+.0257	-34 36 20.8	-19.846+.074	10.2	4
8061	5600	8.2	32 28.29	+3.3698+.0591	-57 35 35.9	-19.845+.078	10.3	4
8062	1706	7.4	32 36.16	+3.5689+.1059	-69 6 27.1	-19.844+.082	10.0	4
8063	5602	8.0	32 45.49	+3.3698+.0587	-57 22 12.8	-19.842+.078	9.9	4
8064	7745	4.0	32 46.53	+3.2844+.0410	-48 2 45.0	-19.841+.077	9.8	10
8065	9233	5.4	32 55.73	+3.1685+.0194	-26 38 28.7	-19.840+.074	9.9	8
8066	5161	7.0	33 3.74	+3.3514+.0542	-55 26 8.3	-19.838+.079	10.0	4
8067	827	6.8	33 4.31	+3.8194+.1740	-75 34 13.7	-19.838+.088	10.2	4
8068	8050	8.2	33 20.01	+3.2775+.0391	-46 37 12.0	-19.834+.078	9.8	4
8069	955	6.5	33 27.09	+3.7916+.1639	-74 52 31.2	-19.833+.089	9.6	4
8070	1861	6.5	33 31.47	+3.5248+.0923	-66 41 52.6	-19.832+.083	9.8	4
8071	7876	7.4	33 34.12	+3.2266+.0293	-38 18 7.9	-19.831+.077	9.8	4
8072	7792	9.2	33 43.43	+3.2503+.0336	-42 13 17.1	-19.829+.078	9.8	4
8073	7873	7.5	33 49.54	+3.2311+.0300	-38 53 50.9	-19.828+.078	10.0	4
8074	9845	6.0	34 15.94	+3.1871+.0220	-29 55 38.5	-19.822+.078	10.2	6
8075	1941	6.4	34 35.50	+3.5242+.0894	-66 0 58.9	-19.818+.086	9.8	4
8076	3452	4.8	34 35.98	+3.0990+.0077	- 7 30 1.5	-19.818+.076	10.0	20,34
8077	9635	7.5*	34 36.98	+3.1842+.0213	-29 2 31.7	-19.818+.078	9.9	4
8078	7322	9.6	34 46.72	+3.2537+.0333	-41 52 48.8	-19.816+.080	10.2	4
8079	7748	4.8	34 59.96	+3.2400+.0307	-39 29 31.7	-19.813+.080	9.7	11
8080	9640	7.8	35 0.65	+3.1860+.0214	-29 9 41.1	-19.813+.079	10.1	4
8081	1689	7.5	35 0.99	+3.6329+.1146	-70 3 8.5	-19.812+.089	10.0	4
8082	7583	7.0	35 22.70	+3.3081+.0428	-48 54 12.3	-19.808+.083	9.8	4
8083	8042	7.7*	35 24.38	+3.2295+.0286	-37 21 45.2	-19.807+.081	9.6	4
8084	9853	8.6	35 28.78	+3.1887+.0217	-29 25 21.5	-19.806+.080	9.8	4
8085	8810	7.3	36 4.55	+3.1803+.0200	-27 13 9.1	-19.798+.081	9.9	4
8086	7813	6.7	36 14.31	+3.2730+.0355	-43 36 25.7	-19.796+.084	10.0	4
8087	7596	8.2	36 18.55	+3.3094+.0420	-48 19 24.3	-19.795+.084	10.0	4
8088	7944	5.8	36 26.00	+3.2890+.0382	-45 39 10.8	-19.793+.084	10.0	4
8089	8811	6.9	36 26.69	+3.1823+.0202	-27 24 51.2	-19.793+.082	10.0	4
8090	7597	2.4	36 32.88	+3.3121+.0423	-48 27 56.1	-19.792+.085	10.0	36
8091	1983	7.6	36 33.33	+3.5123+.0823	-64 14 5.3	-19.792+.090	10.1	4
8092	1731	Var.	36 34.59	+3.6233+.1075	-68 54 49.0	-19.791+.092	10.1	4
8093	4393	5.0	36 45.42	+3.4304+.0647	-59 11 30.5	-19.789+.088	10.0	4
8094	8104	8.4	36 56.84	+3.3035+.0403	-47 6 43.8	-19.786+.086	10.2	4
8095	5306	6.6*	37 1.16	+3.3713+.0527	-54 16 2.8	-19.785+.087	10.1	4
8096	2601[1]	3.6	37 5.82*	+3.0761+.0044	- 0 57 19.1	-19.784+.081	9.6	9,10
8097	2601[2]	3.6	37 6.05	+3.0761+.0044	- 0 57 24.2	-19.784+.081	9.6	9
8098	8057	8.7	37 9.65	+3.2378+.0289	-37 27 0.0	-19.783+.085	9.8	4
8099	4244	7.3	37 13.80	+3.4549+.0689	-60 31 27.9	-19.782+.090	9.9	4
8100	2568	5.5	37 23.53	+3.0447+.0002	+ 7 18 1.9	-19.780+.080	10.4	1

8055S.P. 48ˢ38, 23.5, 9.8, 8. 8054 (47″8). 8096 (5ˢ68).

No.	Name	Mag.	R. A. 1910	Prec. and Sec. Var.	Decl. 1910	Prec. and Sec. Var.	Epoch.	No. Obs.
		M	h m s	s s	° ′ ″	″ ″		
8101	2898	6.0	12 37 32.98	+3.4924+.0760	-62 33 54.3	-19.778+.092	10.1	4
8102	5285	7.1	37 33.70	+3.3731+.0524	-54 2 42.3	-19.777+.089	9.9	4
8103	7608	4.6	37 36.23	+3.3177+.0422	-48 19 7.8	-19.777+.087	10.0	4
8104	8063	7.9	37 39.83	+3.2397+.0289	-37 24 33.4	-19.776+.086	10.2	4
8105	5194	6.2	37 42.64	+3.3905+.0555	-55 27 11.4	-19.775+.089	10.2	4
8106	4251	7.8	37 51.01	+3.4633+.0695	-60 39 15.5	-19.773+.092	10.2	4
8107	5197	6.2	38 1.55	+3.3959+.0561	-55 40 57.3	-19.771+.090	10.2	4
8108	9880	9.4	38 17.00	+3.1996+.0222	-29 45 19.5	-19.767+.086	10.0	4
8109	4453	6.5	38 17.47	+3.4339+.0630	-58 24 34.1	-19.767+.092	10.2	4
8110	9882	9.3	38 23.81	+3.1999+.0222	-29 45 10.7	-19.765+.086	10.0	4
8111	10500	6.9	38 26.60	+3.1742+.0183	-24 29 49.2	-19.765+.086	10.0	4
8112	7785	6.6	38 31.49	+3.2580+.0313	-39 41 3.5	-19.763+.088	9.6	4
8113	9397	7.5	38 45.02	+3.1813+.0192	-25 48 29.2	-19.760+.086	9.8	4
8114	8082	7.6*	38 54.36	+3.2440+.0288	-37 12 35.3	-19.758+.088	9.8	4
8115	5305	8.2	38 58.42	+3.3786+.0517	-53 32 30.5	-19.757+.092	9.4	1
8116	5201	8.1	39 4.36	+3.4054+.0564	-55 44 20.7	-19.755+.093	10.1	4
8117	8155	6.4	39 6.14	+3.2365+.0275	-35 51 21.8	-19.755+.088	10.0	4
8118	8382	8.3	39 7.18	+3.2293+.0266	-34 37 36.8	-19.755+.088	10.0	4
8119	8832	5.7	39 12.50	+3.1926+.0207	-27 49 48.3	-19.753+.088	10.1	16
8120	7374	8.0	39 24.21	+3.2754+.0335	-41 35 14.0	-19.750+.090	9.4	4
8121	5410	6.8	39 24.84	+3.4219+.0591	-56 47 37.4	-19.750+.094	9.8	4
8122	1745	6.3	39 29.30	+3.6494+.1057	-68 20 16.6	-19.749+.100	10.0	4
8123	5313	7.4	39 34.12	+3.3838+.0519	-53 35 33.1	-19.748+.093	10.0	4
8124	5847	8.1	39 45.80	+3.3706+.0493	-52 15 47.0	-19.745+.093	10.3	4
8125	4418	7.0	39 51.71	+3.4664+.0668	-59 34 59.7	-19.744+.096	10.2	4
8126	1916	9.3	40 4.96	+3.6235+.0985	-67 7 4.9	-19.740+.100	10.2	4
8127	4273	4.7	40 19.98	+3.4858+.0698	-60 29 13.8	-19.736+.097	10.1	5
8128	7830	6.6	40 22.04	+3.3297+.0417	-47 40 41.9	-19.736+.094	10.2	4
8129	5317	8.3	40 25.61	+3.3880+.0516	-53 22 9.1	-19.735+.095	10.0	4
8130	7471	9.1	40 27.53	+3.2756+.0328	-40 52 23.7	-19.734+.092	10.0	4
8131	9685	6.8	40 27.89	+3.1988+.0212	-28 16 24.6	-19.734+.090	9.6	4
8132	7357	7.4	40 41.49	+3.3507+.0449	-49 41 7.2	-19.731+.095	10.0	4
8133	2570	6.0	40 44.05	+2.8759-.0171	+39 46 3.5	-19.730+.082	10.0	13
8134	2064	3.3	40 45.04*	+3.6464+.1019	-67 36 55.8*	-19.730+.102	9.9	21,20
8135	5319	6.7	40 57.46	+3.4009+.0533	-54 7 12.1	-19.727+.096	9.6	4
8136	5215	4.9	41 12.21	+3.4268+.0576	-55 59 46.9	-19.723+.098	9.6	4
8137	5216	9.2	41 13.43	+3.4271+.0576	-56 0 38.2	-19.723+.098	9.6	4
8138	8169	7.9	41 41.33	+3.3299+.0406	-46 47 17.5	-19.715+.096	9.8	4
8139	8912	6.0	41 54.40	+3.2293+.0250	-32 49 23.0	-19.712+.094	9.7	4
8140	4448	7.3	42 18.64	+3.4905+.0676	-59 35 21.8	-19.705+.102	9.8	4
8141	5707	7.2	42 25.33	+3.4632+.0625	-57 48 20.4	-19.704+.101	9.8	4
8142	4451	1.5	42 27.32	+3.4854+.0665	-59 11 48.4	-19.703+.102	10.1	37
8143	9918	9.7	42 31.23	+3.2133+.0224	-29 43 13.6	-19.702+.095	9.3	4
8144	670	7.2	42 32.58	+4.5021+.3320	-80 12 39.9	-19.702+.130	9.6	4
8145	1944	7.7	42 44.98	+3.6463+.0973	-66 38 22.0	-19.698+.107	9.6	4
8146	4514	7.5	42 46.02	+3.4868+.0663	-59 6 6.6	-19.698+.103	9.8	4
8147	1944	8.8	42 47.19	+3.6468+.0973	-66 38 23.6	-19.698+.107	9.8	2
8148	10539	6.9*	43 5.89	+3.1865+.0186	-24 31 24.0	-19.693+.095	10.1	4
8149	10540	6.3	43 6.39	+3.1857+.0185	-24 21 40.7	-19.692+.095	10.2	4
8150	9332	8.0	43 6.56	+3.2002+.0204	-27 4 18.3	-19.692+.096	10.1	2

8134S.P. $45^{s}.08$, $57''.3$, 10.4, 8.

No.	Name	Mag.	R. A. 1910	Prec. and Sec. Var.	Decl. 1910	Prec. and Sec. Var.	Epoch.	No. Obs.
		M	h m s	s s	° ′ ″	″ ″		
8151	2653	6.7	12 43 16.41	+3.0547+.0022	+ 4 3 50.3	-19.690+.092	10.4	6
8152	8235	7.0	43 16.62	+3.3167+.0372	-44 13 38.3	-19.690+.099	10.0	4
8153	9900	7.5	43 26.50	+3.2288+.0242	-31 50 0.2	-19.687+.097	10.2	5
8154	2020	7.6	43 33.45	+3.6165+.0896	-65 6 7.4	-19.685+.108	10.0	4
8155	9340	5.8	43 38.21	+3.2020+.0205	-27 6 17.1	-19.684+.097	10.3	4
8156	1391	5.6	43 54.21	+3.8328+.1349	-71 29 43.2	-19.679+.115	10.0	5
8157	7849	7.8	44 13.39	+3.2817+.0314	-39 13 35.3	-19.674+.100	9.4	2
8158	2549	5.6	44 23.70	+3.0054-.0030	+14 36 49.2	-19.671+.093	10.4	1
8159	7509	7.0	44 25.17	+3.2907+.0326	-40 17 6.3	-19.671+.101	9.9	4
8160	8040	8.6	44 30.56	+3.3335+.0389	-45 20 3.0	-19.669+.102	10.1	4
8161	5927	7.1	44 31.21	+3.4133+.0514	-52 52 15.6	-19.669+.104	9.8	4
8162	8442	7.6*	44 38.96	+3.2490+.0265	-34 18 2.0	-19.667+.100	10.0	4
8163	7408	7.0	44 45.41	+3.3798+.0458	-49 49 58.5	-19.665+.104	10.2	4
8164	37	6.6	44 46.28*	+24.458+36.03	-89 18 18.1*	-19.665+.701	9.8	12
8165	3378	6.5	44 50.26	+3.5642+.0773	-62 9 4.5	-19.664+.109	10.1	4
8166	4483	6.0	44 52.19	+3.5212+.0695	-59 54 35.6	-19.663+.108	10.2	4
8167	7893	6.4	45 15.38	+3.3634+.0429	-47 58 9.8	-19.656+.105	10.1	5
8168	9461	8.5*	45 20.22	+3.1970+.0193	-25 21 1.9	-19.655+.100	10.3	4
8169	8203	8.3	45 22.50	+3.3518+.0410	-46 43 52.9	-19.654+.104	10.3	4
8170	5740	7.1	45 23.12	+3.4880+.0630	-57 40 37.2	-19.654+.108	10.3	4
8171	7041	7.9	45 24.85	+3.4062+.0494	-51 44 37.2	-19.654+.106	10.1	4
8172	407	5.4	45 26.10*	+5.8751+.8834	-84 38 5.1*	-19.653+.177	9.8	27,45
8173	9950	7.7*	45 31.88	+3.2253+.0230	-30 5 15.2	-19.652+.101	10.3	4
8174	8653	5.0	45 47.96*	+3.2482+.0259	-33 30 31.3	-19.647+.102	10.0	14
8175	5947	5.9	45 48.59	+3.4158+.0506	-52 17 49.3	-19.647+.107	10.2	4
8176	4494	5.9	45 57.34	+3.5306+.0696	-59 50 22.9	-19.644+.111	9.8	4
8177	9735	8.0	46 16.09	+3.2192+.0219	-28 41 15.9	-19.639+.102	9.9	4
8178	4329	9.3	46 25.37	+3.5494+.0722	-60 35 20.3	-19.636+.112	10.0	4
8179	7442	9.6	46 33.88	+3.3141+.0346	-41 51 12.1	-19.634+.106	9.8	4
8180	10168	7.4	46 52.94	+3.2330+.0235	-30 35 38.2	-19.628+.104	10.2	5
8181	10169	7.0	46 58.69	+3.2341+.0236	-30 42 44.1	-19.626+.104	10.3	5
8182	7879	6.1	46 59.30	+3.2944+.0316	-39 11 25.6	-19.626+.106	10.3	4
8183	7917	6.4	47 0.70	+3.3707+.0426	-47 36 17.4	-19.626+.108	10.3	4
8184	8468	7.1*	47 2.31	+3.2604+.0270	-34 35 35.0	-19.625+.105	10.3	4
8185	9369	6.1	47 9.10	+3.2072+.0201	-26 14 58.6	-19.623+.104	10.2	4
8186	5359	6.3	47 12.98	+3.4398+.0530	-53 20 25.2	-19.622+.111	10.3	5
8187	2050	8.2	47 18.79	+3.6424+.0876	-64 19 39.3	-19.620+.117	10.2	4
8188	2156	4.9	47 18.96	+2.9267-.0096	+28 1 49.3	-19.620+.096	9.6	5
8189	880	8.0	47 31.47	+4.3186+.2436	-77 32 54.1	-19.616+.138	9.6	4
8190	7077	7.7	47 38.14	+3.4260+.0504	-52 2 30.2	-19.614+.111	10.0	4
8191	3462	7.4	47 46.47	+3.1879+.0176	-22 38 49.8	-19.612+.105	10.0	4
8192	1533	7.3	47 47.18	+3.8662+.1313	-70 47 3.2	-19.612+.125	10.1	4
8193	8056	8.0	47 49.04	+3.2953+.0313	-38 49 21.0	-19.611+.108	10.3	4
8194	5360	5.9	47 51.38	+3.4604+.0556	-54 27 48.6	-19.610+.113	10.0	4
8195	4529	5.8	47 59.41	+3.5506+.0702	-59 50 21.9	-19.608+.116	9.7	4
8196	5989	7.2	48 0.72	+3.4378+.0519	-52 44 10.3	-19.608+.113	10.3	4
8197	7753	4.4	48 1.04	+3.3862+.0441	-48 27 13.2	-19.608+.111	10.2	4
8198	4543	6.9	48 14.95	+3.5537+.0704	-59 52 5.4	-19.603+.117	9.7	4
8199	8062	6.9	48 15.15	+3.2979+.0314	-38 54 4.5	-19.603+.109	9.8	4
8200	8298	7.6	48 15.25	+3.3485+.0384	-44 39 10.7	-19.603+.110	10.3	4

8164S.P. 45^{s}.21, 18″.0, 9.9, 12.

8172S.P. 26^{s}.02, 5″.1, 9.9, 16.37, (1″.3).

8174 48^{s}.11 included.

No.	Name	Mag.	R. A. 1910	Prec. and Sec. Var.	Decl. 1910	Prec. and Sec. Var.	Epoch.	No. Obs.
		M	h m s	s s	° ′ ″	″ ″		
8201	4547	8.0	12 48 18.56	+3.5541+.0704	−59 51 37.6	−19.602+.117	10.1	4
8202	4551	8.0	48 24.36	+3.5547+.0703	−59 50 35.5	−19.601+.117	10.3	1
8203	9983	7.7	48 25.44	+3.2313+.0227	−29 31 34.3	−19.600+.107	9.8	4
8204	4555	6.1	48 25.98	+3.5558+.0705	−59 53 15.2	−19.600+.117	10.0	4
8205	7893	4.3	48 26.86	+3.3052+.0323	−39 41 22.2	−19.600+.109	10.0	16
8206	7953	7.2	48 32.75	+3.3308+.0358	−42 35 11.4	−19.598+.110	10.2	4
8207	4566	6.8	48 36.80	+3.5568+.0704	−59 50 48.0	−19.597+.118	10.0	5
8208	4350	9.0	48 53.26	+3.5744+.0730	−60 35 17.8	−19.592+.119	10.0	4
8209	5776	Var.	49 2.06	+3.5256+.0647	−57 56 31.1	−19.589+.118	10.0	4
8210	7359	7.8	49 2.25	+3.4214+.0484	−50 52 38.8	−19.589+.114	10.0	4
8211	7943	8.5	49 8.43	+3.3414+.0369	−43 23 36.4	−19.587+.112	10.0	4
8212	1060	8.0	49 16.14	+4.0338+.1641	−73 28 49.4	−19.585+.134	10.0	4
8213	5487[1]	4.3	49 17.75	+3.5066+.0613	−56 41 21.4	−19.584+.118	9.9	10
8214	4584	4.8	49 18.07	+3.5409+.0669	−58 39 28.4	−19.584+.119	10.0	6
8215	5487[2]	5.5	49 19.01	+3.5066+.0613	−56 40 47.3	−19.584+.118	9.8	9
8216	3391	7.9	49 34.41	+3.6136+.0787	−62 4 13.7	−19.579+.121	9.8	4
8217	3449	4.9	49 40.26	+3.1183+.0094	− 9 3 1.5	−19.577+.106	9.8	7
8218	1320	7.3	49 45.68	+3.9881+.1522	−72 32 40.0	−19.575+.134	10.0	4
8219	7953	6.0	49 57.46	+3.3483+.0373	−43 39 29.8	−19.572+.114	10.1	4
8220	7470	6.8	50 5.76	+3.3317+.0350	−41 48 9.3	−19.569+.114	9.5	4
8221	7480	8.9*	50 8.30	+3.4197+.0473	−50 7 42.1	−19.568+.116	10.2	4
8222	7975	5.6	50 17.77	+3.3384+.0358	−42 25 38.7	−19.565+.114	9.8	4
8223	1404	5.8	50 30.07	+3.9556+.1430	−71 41 50.6	−19.561+.134	9.8	4
8224	5498	5.6	50 38.56	+3.5125+.0608	−56 20 52.9	−19.559+.121	10.0	4
8225	10014	6.7	50 39.88	+3.2389+.0229	−29 34 55.7	−19.558+.112	10.3	4
8226	3396	8.5	50 47.61	+3.6084+.0761	−61 16 2.7	−19.556+.124	10.3	4
8227	7967	8.2	50 53.39	+3.3942+.0430	−47 32 51.3	−19.554+.117	10.3	4
8228	5376	6.8	51 1.93	+3.4952+.0577	−55 4 24.4	−19.551+.121	10.2	4
8229	2669	3.7	51 4.16	+3.0525+.0027	+ 3 53 10.8	−19.550+.107	10.0	46,61
8230	10217	7.0	51 8.27	+3.2502+.0241	−30 59 39.4	−19.549+.113	10.0	4
8231	7972	6.9	51 32.73	+3.3944+.0426	−47 11 55.9	−19.541+.119	9.8	4
8232	4600	7.7	51 35.19	+3.5740+.0694	−59 15 19.2	−19.540+.125	10.0	4
8233	9508	6.8	51 39.56	+3.2180+.0202	−25 58 21.5	−19.539+.113	9.8	3
8234	2129	7.0	51 40.94	+3.7930+.1075	−67 28 23.5	−19.538+.132	10.0	4
8235	5397	6.7	51 42.58	+3.4855+.0555	−54 5 59.2	−19.538+.122	10.0	4
8236	2580[1]	5.4	51 47.87	+2.8317−.0149	+38 48 1.9	−19.536+.101	9.4	1
8237	2580[2]	2.9	51 49.17	+2.8316−.0149	+38 48 14.8	−19.536+.101	10.0	12
8238	8338	7.7	51 50.04	+3.3685+.0389	−44 38 37.3	−19.536+.118	10.1	4
8239	7394	5.3	51 53.07	+3.4392+.0486	−50 42 40.4	−19.534+.121	10.3	4
8240	2086	6.9	51 54.16	+3.7208+.0938	−65 9 37.6	−19.534+.130	10.1	4
8241	8281	8.4	52 4.56	+3.3922+.0419	−46 43 12.3	−19.531+.120	9.8	4
8242	8284	9.9	52 17.23	+3.3959+.0422	−46 55 47.4	−19.526+.120	10.3	5
8243	9808	7.2	52 28.18	+3.2364+. 220	−28 22 50.5	−19.523+.115	9.8	4
8244	9978	8.2	52 42.35	+3.2615+.0249	−31 48 47.5	−19.518+.117	9.8	4
8245	3635	6.4	52 44.99	+3.1974+.0176	−22 15 59.1	−19.517+.115	10.2	4
8246	7499	9.0	52 50.45	+3.3451+.0352	−41 44 53.7	−19.516+.120	9.8	4
8247	5405	7.5	52 54.09	+3.4887+.0549	−53 41 56.2	−19.514+.125	10.0	4
8248	8129	6.7	53 1.44	+3.3157+.0314	−38 25 50.8	−19.512+.119	10.1	5
8249	8291	7.0	53 3.56	+3.3965+.0418	−46 34 41.7	−19.511+.122	10.0	4
8250	7410	7.6	53 13.67	+3.4527+.0494	−51 1 21.6	−19.508+.124	10.0	4

No.	Name	Mag.	R. A. 1910	Prec. and Sec. Var.	Decl. 1910	Prec. and Sec. Var.	Epoch.	No. Obs.
		M	h m s	s s	° ′ ″	″ ″		
8251	3482	6.8*	12 53 21.77	+3.2007+.0178	-22 34 6.7	-19.505+.116	9.7	4
8252	8134	8.7	53 21.88	+3.3861+.0402	-45 28 48.8	-19.505+.122	9.8	4
8253	1543	9.1*	53 35.94	+3.9398+.1317	-70 20 54.2	-19.500+.141	9.6	4
8254	8329	7.0	53 43.11	+3.2963+.0287	-35 47 19.9	-19.498+.120	9.8	4
8255	8138	6.6	53 52.80	+3.3212+.0316	-38 37 9.3	-19.495+.121	9.8	4
8256	9063	8.0	53 56.91	+3.2742+.0260	-32 54 15.4*	-19.493+.120	9.9	4,3
8257	8363	7.9	53 59.89	+3.3765+.0386	-44 15 24.0	-19.492+.123	10.0	4
8258	8144	8.0	54 1.08	+3.3898+.0403	-45 28 34.5	-19.492+.124	9.6	4
8259	10043	7.3*	54 3.87	+3.2493+.0231	-29 30 45.2	-19.491+.119	9.9	4
8260	7985	7.5	54 4.04	+3.3660+.0372	-43 13 5.4	-19.491+.123	10.2	4
8261	8308	9.5	54 17.83	+3.4019+.0417	-46 23 52.3	-19.486+.125	10.1	4
8262	5316	8.4	54 28.33	+3.5291+.0593	-55 25 35.3	-19.482+.130	10.0	4
8263	7507	8.8	54 29.14	+3.3511+.0351	-41 30 40.8	-19.482+.123	10.0	4
8264	5316	9.6	54 29.86	+3.5293+.0593	-55 25 45.2	-19.482+.130	10.0	4
8265	2028	8.6	54 31.73	+3.7922+.1019	-66 21 43.6	-19.481+.139	10.1	4
8266	7992	8.5	54 32.83	+3.3703+.0374	-43 23 9.0	-19.481+.124	10.0	4
8267	5416	7.9	54 35.30	+3.5048+.0556	-53 53 33.3	-19.480+.129	10.0	4
8268	8153	7.8	54 52.17	+3.3964+.0406	-45 37 36.0	-19.474+.126	9.8	4
8269	7615	7.4	54 56.81	+3.3475+.0344	-40 54 18.0	-19.473+.124	9.9	4
8270	4640	7.1	55 2.74	+3.6207+.0725	-59 53 24.4	-19.471+.134	9.8	4
8271	8348	6.9	55 4.69	+3.3011+.0287	-35 41 45.9	-19.470+.123	10.2	4
8272	8012	7.0	55 6.13	+3.4274+.0445	-48 7 5.6	-19.469+.127	10.3	4
8273	10010	8.0	55 15.76	+3.2685+.0249	-31 33 27.0	-19.466+.122	10.0	4
8274	7621	8.4	55 20.95	+3.3520+.0347	-41 10 13.0	-19.464+.125	10.2	4
8275	8037	7.3	55 24.49	+3.3668+.0365	-42 36 10.1	-19.463+.126	9.8	4
8276	2981	7.5	55 34.43	+3.6900+.0828	-62 32 17.2	-19.460+.138	10.2	4
8277	9083	6.1	55 36.79	+3.2812+.0262	-33 1 5.6	-19.459+.123	9.5	9
8278	9085	6.6	55 38.30	+3.2777+.0258	-32 33 53.0	-19.458+.123	10.0	4
8279	2982	8.4	55 47.91	+3.6898+.0825	-62 26 24.0	-19.455+.138	10.1	4
8280	1818	7.6	56 2.81	+3.9043+.1194	-68 44 39.8	-19.450+.146	9.9	4
8281	1548	3.6	56 4.01*	+4.0160+.1408	-71 3 49.2*	-19.449+.150	10.0	24
8282	4651	7.4	56 4.61	+3.6375+.0738	-60 11 11.4	-19.449+.137	10.0	4
8283	9088[1]	8.2	56 6.10	+3.2840+.0263	-33 8 21.2	-19.448+.124	10.2	4
8284	9088[2]	7.2	56 6.59	+3.2840+.0263	-33 8 17.2	-19.448+.124	10.2	4
8285	8388	7.8	56 8.59	+3.3884+.0388	-44 15 59.8	-19.448+.128	10.1	4
8286	9089	7.9	56 9.42	+3.2830+.0262	-32 59 38.9	-19.447+.124	10.3	4
8287	8337	9.9	56 20.20	+3.4150+.0421	-46 29 7.9*	-19.443+.129	10.3	4,3
8288	684	7.2	56 36.90	+5.0607+.4082	-80 39 57.9	-19.437+.189	9.4	4
8289	9470	8.1	56 37.10	+3.2382+.0211	-26 53 5.7	-19.437+.124	10.1	4
8290	10027	7.8	56 37.94	+3.2774+.0254	-32 4 29.8	-19.437+.125	10.2	4
8291	717	8.1	56 43.29	+4.8802+.3521	-79 44 5.3	-19.435+.183	10.1	4
8292	8177	6.7	56 45.67	+3.3391+.0325	-39 7 56.7	-19.434+.128	10.3	4
8293	10862	7.0	56 45.78	+3.2196+.0191	-24 10 52.5	-19.434+.123	10.3	4
8294	10278	7.5	56 53.34	+3.2648+.0239	-30 20 53.2	-19.432+.125	10.1	4
8295	1553	6.0	56 57.35	+4.0267+.1408	-70 59 29.2	-19.430+.153	10.2	4
8296	4395	8.2	57 10.74	+3.6641+.0766	-60 50 49.3	-19.425+.140	10.0	4
8297	4396	7.7	57 15.88	+3.6509+.0744	-60 15 31.4	-19.423+.140	10.3	4
8298	8984	6.8	57 29.78	+3.2475+.0219	-27 48 8.9	-19.418+.126	10.1	4
8299	9853	7.1*	57 31.70	+3.2549+.0227	-28 46 53.4	-19.418+.126	9.9	4
8300	2529	3.0	57 41.81	+3.0051-.0006	+11 26 33.5	-19.414+.117	9.9	58,75

8281S.P. $4^s.07$, $49''.4$, 10.1, 14. 8256 ($53' 44''.0$). 8287 ($10''.2$).

No.	Name	Mag.	R. A. 1910	Prec. and Sec. Var.	Decl. 1910	Prec. and Sec. Var.	Epoch.	No. Obs.
		M	h m s	s s	° ′ ″	″ ″		
8301	556	7.6	12 57 44.93	+5.5923+.5814	-82 28 3.6	-19.413+.212	9.7	4
8302	8783	7.6	58 4.24	+3.2969+.0271	-33 48 31.0	-19.406+.129	9.6	4
8303	5354	7.1	58 13.01	+3.5734+.0620	-56 9 41.1	-19.403+.139	10.0	4
8304	8190	8.5	58 14.42	+3.4150+.0409	-45 32 46.2	-19.402+.133	10.0	4
8305	7887	5.0	58 20.33	+3.4602+.0466	-49 2 36.2	-19.400+.135	9.8	4
8306	9862	7.4	58 28.62	+3.2609+.0231	-29 10 49.6	-19.397+.128	9.8	4
8307	10299	9.6	58 30.57*	+3.2727+.0243	-30 40 44.8	-19.396+.129	10.0	3,4
8308	7650	7.0*	58 43.51	+3.3604+.0341	-40 22 2.6	-19.392+.132	10.3	4
8309	8790	7.1	58 47.93*	+3.2993+.0271	-33 46 0.6	-19.390+.130	9.8	8
8310	283	7.1	58 56.91	+9.7307+3.019	-87 4 37.2	-19.386+.369	9.9	4
8311	9581	7.9	59 0.08	+3.2335+.0201	-25 19 8.3	-19.385+.128	10.2	4
8312	10882	7.6	59 5.04	+3.2245+.0191	-24 2 5.2	-19.384+.128	10.3	4
8313	7562	8.9	59 10.18	+3.3808+.0362	-42 5 39.3	-19.382+.134	10.1	4
8314	8064	8.0	59 18.08	+3.4476+.0443	-47 38 58.4	-19.379+.137	10.2	4
8315	2515	6.8	59 19.22	+3.7725+.0908	-63 57 29.8	-19.378+.149	10.2	4
8316	7497	9.7	59 20.64	+3.4955+.0504	-51 1 28.7	-19.378+.139	10.3	4
8317	9006	6.9	59 30.18	+3.2543+.0221	-27 55 19.4	-19.374+.130	10.2	4
8318	5557	8.2	59 31.38	+3.5925+.0634	-56 34 20.8	-19.374+.143	10.0	4
8319	4719	8.2*	59 39.32	+3.6672+.0740	-59 57 26.5	-19.371+.146	10.3	4
8320	7660	8.1*	59 41.81	+3.3634+.0340	-40 11 58.3	-19.370+.134	9.8	4
8321	7662	6.2	59 43.67	+3.3688+.0346	-40 42 47.0	-19.369+.135	9.9	4
8322	7500	7.7	59 44.48	+3.4912+.0496	-50 33 28.3	-19.369+.139	10.0	4
8323	561	8.3	59 46.71*	+5.6010+.5640	-82 14 18.5	-19.368+.219	9.4	3,4
8324	9126	9.2	59 46.71	+3.2928+.0261	-32 35 23.9	-19.368+.132	9.8	4
8325	9129	8.1	59 53.60	+3.2938+.0262	-32 39 16.5	-19.365+.132	9.4	2
8326	8383	6.5	59 55.89	+3.4383+.0428	-46 38 0.0	-19.364+.138	9.8	4
8327	7248	6.4	13 0 13.09	+3.5110+.0518	-51 37 59.8	-19.358+.141	9.8	4
8328	9018	7.8	0 17.50	+3.2576+.0222	-28 2 5.1	-19.356+.132	9.4	4
8329	5437	6.8*	0 51.32	+3.5758+.0598	-55 7 46.4	-19.343+.145	9.8	4
8330	8088	5.0	1 3.48	+3.4630+.0451	-47 58 51.5	-19.339+.141	9.8	4
8331	887	6.6	1 4.51*	+4.7231+.2847	-77 57 50.2*	-19.338+.190	9.8	12
8332	1344	7.6	1 7.13	+4.2320+.1711	-73 6 14.0	-19.337+.171	10.0	4
8333	5464	8.1	1 13.73	+3.5547+.0567	-53 48 36.5	-19.335+.145	10.1	4
8334	5466	7.0	1 15.26	+3.5587+.0572	-54 1 26.6	-19.334+.145	10.2	4
8335	4688	8.2	1 15.52	+3.6591+.0710	-58 57 42.1	-19.334+.149	10.2	4
8336	8234	7.4	1 25.31	+3.4333+.0413	-45 33 5.5	-19.330+.141	10.2	4
8337	7682	5.7	1 28.88	+3.3816+.0352	-41 6 23.0	-19.329+.139	9.6	4
8338	4691	7.1	1 31.46	+3.6470+.0690	-58 19 25.5	-19.328+.149	10.0	4
8339	7644	4.4	1 39.05	+3.4873+.0477	-49 25 27.7	-19.325+.143	10.0	24
8340	10336	6.8*	1 41.07	+3.2871+.0249	-31 7 45.6	-19.324+.136	10.2	4
8341	4740	6.1	1 50.73	+3.6744+.0726	-59 22 43.8	-19.320+.151	10.2	5
8342	8441	5.6	1 53.46	+3.3257+.0289	-35 22 42.3	-19.319+.138	10.0	4
8343	8823	7.2	1 58.85	+3.3101+.0272	-33 38 17.6	-19.317+.137	10.3	4
8344	8442	8.2	1 59.76	+3.3299+.0293	-35 46 55.4	-19.317+.138	10.1	4
8345	6187	7.8	2 6.57	+3.5349+.0534	-52 16 9.3	-19.314+.146	10.0	4
8346	6194	6.0	2 16.98	+3.5482+.0550	-52 58 41.0	-19.310+.147	9.9	4
8347	2183	5.6	2 17.92*	+3.8359+.0965	-64 49 29.7*	-19.310+.158	9.6	9
8348	7651	9.0	2 25.68	+3.4990+.0486	-49 52 6.0	-19.307+.145	10.1	4
8349	2192	6.4	2 29.25	+3.9335+.1122	-67 18 56.9	-19.305+.163	9.8	4
8350	5593	7.6	2 34.04	+3.6108+.0630	-56 12 10.8	-19.304+.150	10.2	4

8331 S.P. $4^s.61$, $50''.7$, 10.3, 10.

8347 S.P. $18^s.05$, $32''.2$, 10.0, 7.

8307 ($30^s.78$).

8309 $48^s.08$ included.

8323 ($45^s.46$).

No.	Name	Mag.	R. A. 1910	Prec. and Sec. Var.	Decl. 1910	Prec. and Sec. Var.	Epoch.	No. Obs.
		M	h m s	s s	° ′ ″	″ ″		
8351	5389	7.3	13 2 34.21	+3.6048+.0622	−55 54 12.8	−19.304+.150	10.1	4
8352	10143	7.7*	2 42.56	+3.2806+.0240	−29 57 13.1	−19.300+.137	9.9	4
8353	5485	9.2	3 12.18	+3.5761+.0578	−54 9 0.1	−19.288+.150	9.3	1
8354	8837	9.5	3 13.13	+3.3134+.0272	−33 29 41.9	−19.288+.140	9.8	4
8355	5486	7.2	3 14.31	+3.5761+.0578	−54 8 0.1	−19.288+.150	9.8	4
8356	8459	6.8	3 21.32	+3.3350+.0294	−35 44 37.8	−19.285+.141	9.8	4
8357	8842	9.6	3 25.85	+3.3115+.0269	−33 11 50.1	−19.283+.140	9.8	2
8358	7705	9.1	3 31.74	+3.3923+.0355	−41 9 42.3	−19.281+.144	9.8	4
8359	3513	6.7*	3 49.08	+3.2256+.0184	−22 37 29.7	−19.274+.137	9.8	4
8360	9170	7.2	4 1.64	+3.3120+.0268	−33 1 16.2	−19.269+.141	9.6	4
8361	3515	5.1	4 12.24	+3.2266+.0184	−22 38 13.3	−19.264+.138	9.9	8
8362	8120	6.9	4 12.32	+3.4836+.0456	−48 2 39.9	−19.264+.149	9.4	4
8363	8087	9.2	4 12.46	+3.4309+.0395	−44 7 23.5	−19.264+.146	10.1	1
8364	3660	7.3	4 50.87	+3.2210+.0178	−21 42 16.1	−19.249+.139	10.0	4
8365	5921	7.6	4 51.56	+3.6530+.0666	−57 15 52.1	−19.248+.157	9.8	4
8366	8093	9.4	5 4.32	+3.4354+.0396	−44 6 38.7	−19.243+.148	10.0	4
8367	10121	7.5	5 16.51	+3.3037+.0256	−31 36 54.6	−19.238+.144	10.2	4
8368	3430	4.4	5 17.31	+3.1058+.0079	− 5 3 31.5	−19.238+.135	10.0	33,56
8369	6258	Var.	5 27.11	+3.5619+.0542	−52 25 42.5	−19.234+.154	10.3	4
8370	517	8.8*	5 32.92	+6.6504+.9088	−83 59 3.1	−19.232+.282	9.4	4
8371	7329	6.3	5 36.42	+3.5570+.0536	−52 5 14.1	−19.230+.154	10.1	4
8372	2697	4.5	5 36.59	+2.9499−.0031	+18 0 19.2	−19.230+.130	9.6	4
8373	1772	6.1	5 38.18	+4.0803+.1316	−69 27 47.5	−19.230+.176	10.3	4
8374	4723	8.5	5 44.27	+3.7042+.0726	−59 5 52.5	−19.227+.161	10.1	4
8375	2614	6.0	5 55.36	+2.7658−.0130	+38 58 37.0	−19.222+.122	10.2	5
8376	7648	5.8	6 0.90	+3.4114+.0364	−41 45 12.6	−19.220+.149	10.3	4
8377	5624	6.6	6 5.48	+3.6452+.0644	−56 25 48.8	−19.218+.159	10.1	4
8378	3046	6.4	6 6.32	+3.8130+.0877	−62 49 26.9	−19.218+.166	10.3	4
8379	3048	9.0	6 12.06	+3.7987+.0855	−62 20 12.0	−19.216+.166	10.3	4
8380	8175	5.3	6 14.18	+3.4263+.0380	−42 53 21.6	−19.215+.150	9.7	8
8381	4508	7.0	6 14.92	+3.7497+.0784	−60 38 19.1	−19.214+.164	10.3	4
8382	8709	6.6	6 29.01	+3.3367+.0285	−34 39 5.2	−19.208+.147	10.3	4
8383	6276	7.3	6 29.22	+3.5677+.0542	−52 20 1.1	−19.208+.157	9.8	4
8384	5628	8.0	6 31.33	+3.6499+.0646	−56 28 43.5	−19.208+.160	9.8	4
8385	4815	4.8	6 39.97	+3.7217+.0741	−59 26 30.7	−19.204+.164	10.3	4
8386	9653	6.5	6 45.33	+3.2603+.0211	−26 4 24.1	−19.202+.145	10.2	4
8387	890	5.8	6 46.60*	+4.8739+.2962	−77 58 10.9*	−19.201+.212	10.1	8
8388	7716	7.2	6 47.99	+3.5236+.0487	−49 35 17.1	−19.200+.156	10.3	4
8389	2201	6.0	6 50.83	+3.9256+.1038	−65 44 55.6	−19.199+.173	10.3	4
8390	4820	8.3	6 54.41	+3.7409+.0765	−60 4 57.2	−19.198+.165	10.3	4
8391	8437	4.9	7 1.81	+3.3663+.0313	−37 19 33.5	−19.195+.150	9.9	8
8392	4520	7.5	7 7.94	+3.7706+.0804	−61 4 0.0	−19.192+.167	10.1	4
8393	3613	5.1	7 16.00	+3.1813+.0140	−15 42 48.0	−19.189+.142	9.8	5
8394	4827	6.4	7 17.47	+3.7249+.0739	−59 20 9.5	−19.188+.165	10.3	4
8395	2193	4.3	7 40.48	+2.8628−.0077	+28 20 2.5	−19.178+.130	9.9	27,40
8396	8196	6.1	7 41.17	+3.4255+.0372	−42 13 19.2	−19.178+.154	10.0	4
8397	10156	6.7	7 46.66	+3.3102+.0255	−31 23 16.8	−19.176+.149	10.3	4
8398	3079	8.2	7 56.04	+3.8422+.0897	−63 6 32.8	−19.172+.172	10.3	4
8399	9947	7.7	8 2.13	+3.2859+.0231	−28 37 20.6*	−19.169+.148	10.0	4,3
8400	7589	6.0	8 2.74	+3.5422+.0501	−50 13 19.1	−19.169+.159	9.6	4

8387 S.P. 46ˢ50, 11″.3, 10.0, 7. 8399 (23″.3).

No.	Name	Mag.	R. A. 1910	Prec. and Sec. Var.	Decl. 1910	Prec. and Sec. Var.	Epoch.	No. Obs.
		M	h m s	s s	° ′ ″	″ ″		
8401	3516	6.6	13 8 15.07	+3.8155+.0854	−62 10 35.8	−19.164+.171	10.0	4
8402	8206	9.2	8 18.37	+3.4330+.0377	−42 33 58.3	−19.162+.155	10.3	5
8403	7671	8.5	8 23.91	+3.4220+.0365	−41 38 58.9	−19.160+.155	10.2	4
8404	4738	6.0	8 36.02	+3.7082+.0703	−58 12 23.5	−19.155+.168	10.0	4
8405	8505	7.2	8 39.80	+3.4629+.0408	−44 42 21.2	−19.153+.157	10.0	4
8406	4740	5.0	8 40.25	+3.7193+.0717	−58 37 20.1	−19.153+.168	10.3	4
8407	8213	6.1	8 47.99	+3.4367+.0379	−42 39 45.1	−19.150+.156	10.2	4
8408	3096	7.0	8 54.00	+3.9527+.0900	−63 6 14.9	−19.147+.174	10.3	4
8409	1783	7.7	8 58.36	+4.1610+.1390	−70 0 4.5	−19.145+.188	9.9	4
8410	2223	8.2	9 3.29	+4.0255+.1162	−67 24 12.0	−19.143+.182	9.8	4
8411	2224	5.0	9 8.14*	+4.0272+.1163	−67 25 4.1*	−19.141+.183	9.5	8
8412	1784	6.4	9 11.24	+4.1186+.1313	−69 12 7.1	−19.140+.187	10.0	4
8413	8050	6.0	9 25.27	+3.5228+.0470	−48 28 41.2	−19.133+.161	10.0	4
8414	7681	8.2	9 26.13	+3.4281+.0367	−41 43 33.7	−19.133+.157	10.1	4
8415	7375	7.7	9 32.69	+3.5714+.0525	−51 19 38.2	−19.130+.164	10.0	4
8416	8461	7.2*	9 34.61	+3.3866+.0324	−38 10 31.1	−19.129+.156	9.9	5
8417	10974	6.6	9 34.80	+3.2488+.0195	−23 48 28.5	−19.129+.150	9.8	5
8418	5666	7.8	9 44.83	+3.6841+.0661	−56 46 56.7	−19.125+.169	9.7	4
8419	8547	6.3	10 5.80	+3.3638+.0300	−35 53 40.6	−19.116+.156	9.8	4
8420	8237	7.5	10 11.32	+3.4428+.0379	−42 35 11.3	−19.113+.159	9.6	4
8421	5673	7.5	10 32.23	+3.6862+.0657	−56 35 8.4	−19.104+.171	9.8	4
8422	723	6.5	10 39.50	+5.2607+.3769	−79 30 2.2	−19.101+.241	9.8	4
8423	800	7.2	10 39.60	+5.0391+.3194	−78 20 52.1	−19.101+.231	10.0	4
8424	7391	7.0	10 47.10	+3.5913+.0540	−51 56 18.2	−19.097+.167	9.9	4
8425	2316	6.1	10 48.38	+3.9307+.0989	−64 39 41.2	−19.097+.182	10.0	4
8426	4566	9.3	10 50.84	+3.7950+.0796	−60 37 51.6	−19.096+.176	10.0	4
8427	2142	4.8	11 8.42*	+4.0028+.1093	−66 18 28.7*	−19.088+.186	9.5	10
8428	1372	7.2	11 17.21	+4.3995+.1770	−72 52 6.9	−19.084+.204	10.2	4
8429	8539	6.9	11 17.93	+3.4708+.0403	−44 13 44.5	−19.084+.163	10.0	4
8430	7789	7.2	11 36.44	+3.4272+.0357	−40 48 28.4	−19.075+.162	9.6	4
8431	8532	9.7	11 36.51	+3.5113+.0445	−46 53 9.4	−19.075+.166	9.9	4
8432	2235	8.6	11 37.65	+4.0677+.1186	−67 33 55.1	−19.075+.190	9.8	4
8433	2237	6.8	11 42.37*	+4.0917+.1223	−68 1 14.8	−19.073+.192	10.3	6,5
8434	10457	5.4	11 52.96	+3.3206+.0254	−31 1 47.9	−19.068+.158	10.0	18
8435	10233	7.5	11 53.93	+3.3118+.0246	−30 7 1.0	−19.068+.157	10.2	4
8436	8165	5.9	12 0.46	+3.4645+.0394	−43 30 15.6	−19.065+.164	10.2	4
8437	8270	8.3	12 17.01	+3.4518+.0379	−42 27 27.6	−19.057+.164	10.0	4
8438	8271	7.7	12 22.64	+3.4572+.0384	−42 49 27.6	−19.055+.165	10.2	4
8439	8538	6.7	12 26.26	+3.5198+.0450	−47 6 56.0	−19.053+.168	10.1	4
8440	3137	6.8	12 26.33	+3.8869+.0905	−62 58 29.4	−19.053+.184	10.2	4
8441	10996	9.0*	12 36.73	+3.2528+.0194	−23 24 20.7	−19.048+.156	10.3	4
8442	5698	7.3	12 41.52	+3.7101+.0668	−56 49 33.3	−19.046+.177	9.9	4
8443	1458	6.1	12 43.38	+4.3231+.1595	−71 33 37.2	−19.045+.205	10.2	4
8444	8175	6.8	12 51.39	+3.4700+.0395	−43 34 50.6	−19.042+.166	9.8	4
8445	2722	5.0	13 3.57	+3.0289+.0029	+ 5 56 37.6	−19.036+.146	10.4	6
8446	8543	9.2	13 5.26	+3.5160+.0442	−46 37 41.7	−19.035+.169	10.0	4
8447	8372	7.0	13 8.75	+3.4961+.0421	−45 17 24.5	−19.034+.168	10.1	4
8448	7660	6.4	13 9.99	+3.5870+.0519	−50 48 41.3	−19.033+.172	9.9	4
8449	7803	7.7	13 20.54	+3.5631+.0492	−49 24 15.7	−19.028+.171	9.8	4
8450	9145	7.0	13 26.36	+3.2950+.0228	−27 51 23.4	−19.026+.159	10.3	4

8411S.P. $8^s.23$, $5''.4$, 10.2, 6.

8427S.P. $8^s.60$, $30''.2$, 10.3, 8

8433 $42^s.71$ included.

8441 Estimated 10 1/2 mag.

No.	Name	Mag.	R. A. 1910	Prec. and Sec. Var.	Decl. 1910	Prec. and Sec. Var.	Epoch.	No. Obs.
		M	h m s	s s	° ′ ″	″ ″		
8451	1589	7.6	13 13 28.88	+4.2541+.1459	−70 22 50.6	−19.024+.204	9.8	4
8452	2380	4.7	13 30.52	+2.7057−.0129	+41 2 46.5	−19.024+.132	9.8	7
8453	2164	7.4	13 33.64	+4.0605+.1144	−66 53 25.8	−19.022+.195	9.9	4
8454	3813	4.8	13 41.70	+3.2082+.0156	−17 48 38.4	−19.019+.156	9.4	4
8455	4803	7.8	13 48.68	+3.7701+.0734	−58 46 8.6	−19.015+.183	9.6	4
8456	3554	3.3	14 1.57	+3.2499+.0189	−22 41 48.8	−19.009+.158	10.0	24,29
8457	3604	6.7	14 9.90	+3.8736+.0866	−62 3 13.2	−19.006+.188	10.2	4
8458	1808	7.7	14 16.13	+4.1932+.1342	−69 12 26.9	−19.003+.203	10.0	4
8459	5498	8.7	14 39.20	+3.6900+.0628	−55 17 30.5	−18.992+.180	9.4	1
8460	7824	6.7	14 49.72	+3.4414+.0358	−40 43 5.9	−18.987+.169	9.8	4
8461	4912	6.3*	14 50.77	+3.7946+.0755	−59 17 59.7	−18.986+.186	9.8	4
8462	6404	9.5	15 4.99	+3.6336+.0559	−52 31 59.2	−18.980+.178	10.0	4
8463	6405	5.7	15 9.11	+3.6289+.0554	−52 16 29.6	−18.978+.178	9.8	4
8464	5504	6.2	15 13.21	+3.6953+.0630	−55 19 42.0	−18.976+.182	10.0	4
8465	2171	7.1	15 15.87	+4.0912+.1165	−67 3 52.2	−18.975+.200	10.0	4
8466	11018	8.4	15 24.23	+3.2651+.0199	−24 2 9.9	−18.971+.162	9.9	5
8467	8497	2.9	15 32.02	+3.3895+.0307	−36 14 16.1*	−18.967+.168	9.9	24
8468	2279	8.3	15 32.54	+4.0244+.1061	−65 33 40.2	−18.967+.198	9.9	4
8469	1816	7.4	15 36.68	+4.2669+.1439	−70 4 29.6	−18.965+.210	9.6	4
8470	8580	5.8	15 38.95	+3.5275+.0441	−46 24 30.3	−18.964+.175	10.2	4
8471	7453	7.6	15 43.24	+3.6117+.0531	−51 11 56.2	−18.962+.179	9.8	4
8472	11021	7.2	15 51.56	+3.2595+.0194	−23 17 26.5	−18.958+.162	10.0	4
8473	8199	8.8	15 59.64	+3.4312+.0344	−39 30 13.0	−18.954+.171	9.8	4
8474	11025	7.1	16 10.16	+3.2666+.0199	−23 59 54.6	−18.949+.163	10.1	4
8475	1467	6.1	16 11.11	+4.3892+.1636	−71 40 29.6	−18.949+.217	10.2	4
8476	8333	6.7	16 11.24	+3.4815+.0392	−43 9 43.0	−18.948+.174	10.0	4
8477	8202	7.4	16 12.51	+3.4324+.0344	−39 31 4.8	−18.948+.171	9.8	4
8478	5559	8.0	16 13.86	+3.6944+.0621	−54 56 42.4	−18.947+.184	10.1	4
8479	4926	7.0	16 20.40	+3.8207+.0774	−59 42 48.4	−18.944+.190	9.8	4
8480	3564	7.1	16 30.21	+3.2523+.0188	−22 19 23.7*	−18.939+.163	10.2	4,3
8481	7708	7.3	16 30.38	+3.6096+.0524	−50 48 37.2	−18.939+.180	10.0	4
8482	7856	7.9	16 34.70	+3.5846+.0496	−49 26 27.7	−18.937+.179	10.0	4
8483	8636	7.4	16 44.09	+3.3874+.0301	−35 38 24.6	−18.933+.170	10.2	5
8484	4627[1]	6.5*	16 46.05	+3.8490+.0806	−60 30 2.1	−18.932+.192	9.9	4
8485	7465	6.1	16 47.43	+3.6292+.0543	−51 42 41.8	−18.931+.182	9.9	4
8486	8343	7.1	16 48.24	+3.4764+.0384	−42 34 43.4	−18.931+.175	10.3	4
8487	8461	7.1	16 48.35	+3.4207+.0331	−38 22 54.6	−18.931+.172	10.0	4
8488	4627[2]	4.6	16 48.39	+3.8500+.0807	−60 31 0.1	−18.931+.193	9.8	5
8489	808	8.1	17 8.31	+5.2381+.3382	−78 28 49.2	−18.921+.260	9.8	4
8490	4938	8.3	17 28.08	+3.8326+.0778	−59 45 21.9	−18.912+.193	9.6	4
8491	4940	8.3	17 29.34	+3.8340+.0780	−59 47 35.1	−18.911+.193	9.6	4
8492	8260	6.3	17 30.44	+3.5559+.0461	−47 28 20.6	−18.911+.180	10.0	4
8493	9759	7.0	17 31.94	+3.2828+.0210	−25 22 13.1	−18.910+.167	9.8	4
8494	8261	6.5	17 39.62	+3.5675+.0472	−48 5 31.0	−18.906+.181	10.0	4
8495	2732	4.5	17 56.99*	+3.9892+.0980	−64 3 53.6*	−18.898+.202	9.6	10
8496	1057	5.0	18 0.34*	+4.6719+.2112	−74 24 52.8*	−18.896+.235	9.7	10
8497	9322	6.3	18 5.24	+3.3594+.0273	−32 43 10.2	−18.894+.172	10.0	4
8498	1834	7.2	18 10.72	+4.2980+.1441	−69 57 25.9	−18.891+.218	9.9	4
8499	8474	7.4*	18 12.65	+3.4367+.0342	−39 9 26.3	−18.890+.176	9.8	4
8500	1913	8.9	18 19.04	+4.1950+.1275	−68 14 59.0	−18.887+.213	10.0	4

8495 S.P. $56^s.92$, $55''.5$, 10.6, 4.

8496 S.P. $0^s.45$, $53''.3$, 10.5, 5.

8467 $17''.9$ included.

8480 ($54''.8$).

No.	Name	Mag.	R. A. 1910	Prec. and Sec. Var.	Decl. 1910	Prec. and Sec. Var.	Epoch.	No. Obs.
		M	h m s	s s	° ′ ″	″ ″		
8501	7884	6.4	13 18 27.26	+3.5950+.0496	−49 21 6.9	−18.883+.184	9.8	4
8502	8273	6.9	18 30.74	+3.5611+.0461	−47 25 11.7	−18.881+.182	9.8	4
8503	5591	7.8	18 48.36	+3.6820+.0588	−53 31 46.1	−18.872+.189	10.2	4
8504	7488	6.6	18 56.37	+3.6379+.0540	−51 24 20.2	−18.869+.187	10.2	4
8505	5593	7.0	19 2.50	+3.6819+.0587	−53 26 41.8	−18.866+.189	10.2	4
8506	3240	8.8	19 5.25	+3.9486+.0911	−62 42 22.6	−18.864+.203	10.3	4
8507	7747	7.2	19 7.35	+3.6317+.0532	−51 2 3.7	−18.863+.187	10.2	4
8508	1918	8.8	19 7.63	+4.2490+.1345	−68 58 13.3	−18.863+.218	9.3	1
8509	2275	7.2	19 8.64	+4.1956+.1263	−68 3 32.1	−18.863+.215	10.1	4
8510	2743	5.5	19 11.92	+4.0013+.0981	−64 0 55.0	−18.861+.206	9.7	8
8511	8596	7.3	19 13.82	+3.4208+.0324	−37 33 49.0*	−18.860+.177	10.0	4,3
8512	1838	5.8	19 15.63*	+4.3280+.1469	−70 9 29.8*	−18.859+.222	10.4	4
8513	7500	8.1	19 42.11	+3.6425+.0540	−51 22 21.5	−18.846+.189	9.8	4
8514	9020	7.9	19 42.54	+3.3817+.0288	−34 9 59.5	−18.846+.176	9.8	4
8515	9021	7.5	19 43.14	+3.3777+.0284	−33 49 14.4	−18.845+.176	10.0	4
8516	7504	7.1	19 50.79	+3.6445+.0541	−51 25 13.5	−18.842+.189	10.0	4
8517	1059	6.8	20 8.18*	+4.6929+.2094	−74 13 23.2*	−18.833+.242	9.8	8
8518	8392	9.1	20 17.70	+3.4946+.0388	−42 37 18.5	−18.828+.183	10.1	4
8519	8295	7.9	20 21.60	+3.5709+.0462	−47 21 0.0	−18.826+.187	10.0	4
8520	3672	1.2	20 27.00	+3.1593+.0116	−10 41 30.7	−18.824+.166	9.9	53,69
8521	7765	7.6	20 32.62	+3.6409+.0533	−51 0 39.0	−18.821+.191	10.0	4
8522	8869	7.1	20 51.66	+3.3912+.0293	−34 36 26.2	−18.811+.179	10.0	4
8523	8188	6.8	20 51.92	+3.5912+.0479	−48 19 4.4	−18.811+.189	10.2	4
8524	8246	5.2	20 54.35	+3.4505+.0345	−39 17 7.7	−18.810+.182	9.8	9
8525	10339	6.9*	21 4.63	+3.3627+.0268	−32 4 43.1	−18.805+.178	10.3	4
8526	379	7.2	21 9.40*	+8.7819+1.631	−85 21 34.8*	−18.802+.452	9.9	8
8527	9040	7.0	21 21.23	+3.3804+.0282	−33 32 16.0	−18.796+.179	10.0	4
8528	8649	8.6	21 23.38	+3.5684+.0454	−46 51 40.9	−18.795+.189	10.3	4
8529	3270	7.9	21 25.64	+3.9536+.0892	−62 10 53.0	−18.794+.208	10.4	4
8530	8202	6.3	21 40.22	+3.6028+.0487	−48 40 33.5	−18.787+.191	10.3	4
8531	7894	5.8	21 41.57	+3.4783+.0367	−41 1 48.1	−18.786+.185	10.1	4
8532	5615	8.7	21 50.99	+3.7082+.0597	−53 41 13.5	−18.781+.197	10.0	4
8533	8206	6.3	21 53.87	+3.6086+.0491	−48 54 49.4	−18.780+.192	10.0	4
8534	3516	5.6	21 57.79	+3.1740+.0125	−12 14 22.9	−18.778+.170	9.6	4
8535	2286	7.1	22 1.49	+4.1973+.1220	−67 24 7.9	−18.776+.222	10.1	4
8536	8260	6.5	22 1.84	+3.4612+.0351	−39 41 44.3	−18.776+.185	9.9	4
8537	4687	7.6	22 6.77	+3.9041+.0822	−60 35 43.2	−18.773+.208	10.3	4
8538	1929	6.2	22 13.91	+4.3053+.1380	−69 9 36.4	−18.769+.228	10.1	4
8539	3714	7.8	22 14.00	+3.2612+.0186	−21 53 52.4	−18.769+.175	10.1	1
8540	5777	8.0	22 14.41	+3.7833+.0678	−56 33 41.9	−18.769+.202	10.1	4
8541	874	8.2	22 22.77	+4.9730+.2581	−76 6 25.0	−18.765+.263	10.4	4
8542	4889	7.2	22 31.10	+3.8582+.0763	−59 3 52.8	−18.761+.206	9.8	4
8543	5622	8.4	22 31.24	+3.7135+.0598	−53 41 53.5	−18.760+.199	10.0	4
8544	8663	9.1	22 38.10	+3.5768+.0456	−46 55 18.1	−18.757+.192	10.0	4
8545	8344	9.0	22 40.89	+3.5826+.0462	−47 14 12.5	−18.756+.192	10.0	4
8546	5570	7.3	22 42.58	+3.7543+.0641	−55 18 45.4	−18.755+.201	10.0	4
8547	8661	7.3	22 45.09	+3.5381+.0418	−44 36 7.9	−18.753+.190	10.2	4
8548	8297	7.2	22 47.67	+3.5177+.0399	−43 18 6.0	−18.752+.189	10.3	4
8549	3732	6.6	22 56.01	+3.9488+.0870	−61 38 8.9	−18.748+.212	10.0	4
8550	2778	7.2	22 59.86	+4.0183+.0959	−63 24 27.8	−18.746+.216	10.0	4

8512S.P. $15^s.61$, $29''.7$, 10.8, 1.

8517S.P. $8^s.21$, $23''.6$, 10.6, 4.

8526S.P. $9^s.53$, $34''.9$, 10.6, 4.

8511 ($51''.3$).

No.	Name	Mag.	R. A. 1910	Prec. and Sec. Var.	Decl. 1910	Prec. and Sec. Var.	Epoch.	No. Obs.
		M	h m s	s s	° ′ ″	″ ″		
8551	2418	6.2	13 22 59.87	+4.0524+.1004	−64 12 33.6	−18.746+.217	10.3	4
8552	9816	6.8	23 3.67	+3.3030+.0217	−25 56 8.2	−18.744+.179	10.4	4
8553	300	8.0	23 6.05	+10.331+2.450	−86 15 47.4	−18.743+.542	9.4	4
8554	8228	7.9	23 6.40	+3.6084+.0485	−48 30 15.0	−18.742+.194	10.1	4
8555	4696	8.5	23 10.79	+3.9096+.0819	−60 27 25.0	−18.740+.210	10.1	4
8556	3718	7.3	23 19.12	+3.2639+.0187	−21 55 59.0	−18.736+.177	10.0	4
8557	10927	7.3	23 29.77	+3.2920+.0208	−24 44 48.2	−18.730+.179	10.0	10
8558	9740	7.2	23 32.78	+3.3146+.0225	−26 55 51.7	−18.729+.180	10.3	4
8559	733	6.8	23 34.07	+5.5698+.3889	−79 11 44.2	−18.728+.297	10.1	4
8560	5606	7.7	23 35.30	+3.7396+.0619	−54 27 5.8	−18.727+.202	10.1	5
8561	7812	5.3	23 53.91	+3.6570+.0530	−50 41 56.9	−18.718+.199	9.8	4
8562	8669	6.8	23 54.81	+3.5522+.0427	−45 4 18.2	−18.717+.193	9.6	4
8563	2621	5.2	24 1.68	+2.9508−.0003	+14 15 33.0	−18.714+.162	9.8	6
8564	6516	6.9	24 3.97	+3.6925+.0566	−52 17 30.2	−18.712+.201	9.6	4
8565	8365	7.0*	24 10.88	+3.5946+.0466	−47 24 35.1	−18.709+.196	10.1	4
8566	816	7.8	24 15.41	+5.4569+.3582	−78 36 38.1	−18.706+.294	10.1	4
8567	7879	9.5	24 18.99	+3.4934+.0371	−41 12 26.7	−18.705+.191	10.0	4
8568	5788	7.9	24 22.59	+3.7912+.0670	−56 12 32.3	−18.703+.207	10.0	4
8569	1626	8.7	24 23.72	+4.4218+.1524	−70 22 36.6	−18.702+.240	10.0	4
8570	8607	9.2	24 25.39	+3.4364+.0321	−37 5 38.5	−18.701+.188	10.3	4
8571	9746	7.6	24 31.35	+3.3172+.0225	−26 55 24.3	−18.698+.182	10.4	4
8572	4909	6.7	24 35.99	+3.8502+.0735	−58 11 56.5	−18.696+.210	10.0	4
8573	8679	8.2	24 44.56	+3.5430+.0415	−44 14 49.4	−18.691+.194	9.8	4
8574	3601	Var.	24 47.53	+3.2758+.0194	−22 48 59.0	−18.690+.180	10.2	5
8575	4734	7.9	25 13.79	+3.9226+.0816	−60 15 49.0	−18.676+.216	10.2	4
8576	767	6.5	25 23.89	+5.1972+.2948	−77 6 6.8	−18.670+.284	10.1	4
8577	4739	6.6	25 33.89	+3.9561+.0853	−61 7 5.1	−18.665+.218	10.0	4
8578	2441	6.6	25 44.02	+4.1130+.1052	−64 51 27.1	−18.660+.227	10.1	4
8579	8592	4.0	25 49.25	+3.4676+.0344	−38 56 33.8	−18.657+.193	9.8	19
8580	3326[1]	9.0	25 58.51	+4.0161+.0923	−62 34 24.6	−18.652+.222	9.8	4
8581	3326[2]	7.6	25 58.65	+4.0163+.0923	−62 34 40.5	−18.652+.222	9.8	4
8582	7901	6.6	26 4.53	+3.5139+.0383	−42 0 0.7	−18.649+.196	9.6	4
8583	8383	7.6	26 8.87	+3.6114+.0473	−47 41 19.0	−18.646+.201	10.0	4
8584	384	5.6	26 11.48*	+9.0752+1.671	−85 19 31.6*	−18.645+.494	9.8	24,42
8585	3769	8.9	26 12.76	+3.9777+.0873	−61 31 36.9	−18.644+.221	10.0	4
8586	7939	7.8	26 12.97	+3.5011+.0371	−41 7 15.3	−18.644+.195	10.0	4
8587	8384	8.1	26 13.05	+3.6060+.0467	−47 22 37.2	−18.644+.201	10.0	4
8588	8387	9.0	26 22.59	+3.6084+.0469	−47 27 11.2	−18.639+.202	10.0	4
8589	3777	6.6	26 29.04	+3.9940+.0890	−61 52 50.6	−18.636+.222	10.3	4
8590	10430	7.5*	26 29.73	+3.3764+.0267	−31 40 35.0	−18.635+.189	10.3	4
8591	9278	6.6	26 32.96	+3.3307+.0232	−27 38 56.8	−18.633+.187	10.1	4
8592	8695	6.3	26 52.45	+3.4580+.0332	−37 56 4.6	−18.623+.194	9.7	4
8593	9853	7.5	26 53.38	+3.3100+.0216	−25 39 4.6	−18.622+.187	10.3	4
8594	8708	7.2	26 59.44	+3.5999+.0458	−46 48 18.2	−18.619+.202	10.3	4
8595	3714	4.8	27 17.07	+3.1229+.0092	− 5 47 29.4*	−18.610+.177	10.0	6
8596	8362	7.4	27 18.05	+3.5521+.0412	−43 59 12.2	−18.609+.200	10.0	4
8597	2465	6.4	27 18.72	+4.1464+.1077	−65 10 10.0	−18.609+.233	10.4	4
8598	2371	7.2	27 30.22	+4.1710+.1107	−65 36 57.0	−18.603+.234	10.0	4
8599	10127	6.4	27 32.48	+3.3498+.0244	−29 6 9.3	−18.601+.190	10.1	8
8600	9784	8.8	27 32.91	+3.3176+.0220	−26 11 43.8	−18.601+.188	10.1	1

8584 S.P. 11ˢ.49, 31″.4, 9.8, 14, 31. 8595 31″.2 included.

No.	Name	Mag.	R. A. 1910	Prec. and Sec. Var.	Decl. 1910	Prec. and Sec. Var.	Epoch.	No Obs.
		M	h m s	s s	° ′ ″	″ ″		
8601	10128	5.7	13 27 34.92	+3.3401+.0237	−28 13 45.4	−18.600+.189	9.9	7
8602	8401	8.0	27 39.82	+3.6133+.0467	−47 18 33.5	−18.597+.204	10.2	4
8603	8709	9.0*	27 40.26	+3.5725+.0430	−45 4 3.2	−18.597+.202	10.4	4
8604	8316	7.8	27 46.17	+3.4843+.0351	−39 30 32.5	−18.594+.198	10.0	4
8605	9863	6.9	27 54.68	+3.3178+.0220	−26 7 29.7	−18.589+.189	10.3	4
8606	6128	8.1	27 57.29	+3.8661+.0726	−57 45 57.2	−18.588+.219	10.1	4
8607	8715	9.2	28 0.04	+3.4571+.0328	−37 31 44.6	−18.586+.197	10.3	5
8608	8718	9.9	28 1.76	+3.6109+.0463	−47 4 25.5*	−18.585+.205	10.4	4
8609	533	7.4	28 2.52	+7.4338+.9299	−83 26 56.3	−18.585+.414	9.7	4
8610	8523	6.7	28 10.03	+3.5395+.0398	−42 57 36.4	−18.581+.202	9.8	4
8611	532	9.6	28 12.74	+7.8421+1.084	−83 59 39.8	−18.579+.437	10.1	4
8612	10454	9.0	28 13.15	+3.3791+.0265	−31 25 16.6	−18.579+.193	10.2	4
8613	7971	7.5	28 24.14	+3.5074+.0369	−40 51 23.2	−18.573+.200	9.6	4
8614	8719	9.9	28 29.75	+3.4595+.0329	−37 33 29.7	−18.570+.198	10.4	4
8615	8321	6.7	28 32.82	+3.4874+.0352	−39 29 2.0	−18.568+.199	10.0	4
8616	4943	7.4	28 33.53	+3.9122+.0774	−59 2 45.8	−18.568+.223	10.3	4
8617	1413	7.1	28 47.42	+4.7103+.1910	−72 51 58.1	−18.560+.267	9.9	5
8618	8417	6.4	29 0.41	+3.6308+.0477	−47 48 37.4	−18.553+.208	9.6	4
8619	3819	6.7	29 4.55	+4.0318+.0910	−62 10 7.6	−18.551+.230	10.1	5
8620	879	7.7	29 9.93	+5.1130+.2645	−76 2 54.0	−18.548+.291	10.1	4
8621	7882	7.4	29 16.24	+3.6845+.0527	−50 19 50.3	−18.544+.212	9.6	4
8622	2476	7.8	29 21.96	+4.1468+.1052	−64 41 26.7	−18.541+.238	9.8	4
8623	8731	9.4	29 30.95	+3.6209+.0466	−47 8 28.2	−18.536+.209	10.3	4
8624	9459	6.5	29 36.63	+3.4014+.0279	−32 50 57.7	−18.533+.197	10.0	4
8625	5821	7.3	29 39.41	+3.8521+.0698	−56 49 47.8	−18.532+.222	10.1	4
8626	3076	3.4	30 6.37	+3.0737+.0066	− 0 8 10.2	−18.517+.180	9.9	50,69
8627	10479	6.9*	30 6.59	+3.3894+.0269	−31 45 3.1	−18.516+.197	9.6	4
8628	8437	7.8	30 7.59	+3.6424+.0483	−48 3 24.6	−18.516+.211	10.2	4
8629	3830	7.7	30 26.69	+4.0342+.0900	−61 53 5.5	−18.505+.234	10.0	4
8630	10485	7.6	30 39.74	+3.3932+.0271	−31 54 46.6	−18.498+.198	10.0	4
8631	8328	8.4	30 41.45	+3.6516+.0489	−48 20 30.2	−18.497+.213	10.0	5
8632	2839	9.0	30 42.78	+3.0907+.0074	− 2 1 5.2	−18.496+.182	10.4	1
8633	6156	7.8	30 45.12	+3.8987+.0740	−58 2 17.7	−18.495+.227	9.8	4
8634	2227	4.6	30 46.65	+2.4693−.0128	+49 28 32.1	−18.494+.147	10.4	7
8635	2426	5.0	30 46.76	+2.6748−.0091	+37 38 35.4	−18.494+.158	10.0	8
8636	3841	5.6	31 5.56	+4.0146+.0870	−61 13 46.1	−18.483+.234	9.9	4
8637	7972	7.0	31 6.04	+3.5376+.0385	−41 57 20.6	−18.483+.208	10.2	4
8638	2487	7.8	31 7.30	+4.1562+.1044	−64 28 35.1	−18.482+.242	10.3	4
8639	8743	7.7	31 8.49	+3.6244+.0462	−46 50 17.2	−18.482+.212	10.1	4
8640	882	6.9	31 28.54	+5.0417+.2437	−75 13 30.2	−18.470+.294	9.4	8
8641	10498	7.7	31 39.74	+3.3970+.0272	−31 56 37.8	−18.464+.201	9.8	4
8642	9198	6.4	31 41.24	+3.4237+.0292	−34 0 27.3	−18.463+.202	9.8	4
8643	8418	6.0	31 43.43	+3.5698+.0411	−43 41 0.5	−18.462+.210	10.1	4
8644	8580	7.3	31 47.89	+3.5470+.0391	−42 19 18.8	−18.459+.209	10.1	4
8645	9900[1]	7.0	31 48.45	+3.3271+.0221	−26 2 20.9	−18.459+.197	10.0	4
8646	9900[2]	5.5	31 48.60	+3.3271+.0221	−26 2 10.8	−18.459+.197	10.0	4
8647	1898	6.0	31 55.13	+4.5048+.1518	−69 59 7.9	−18.455+.264	10.0	4
8648	8578	6.0	31 56.75	+3.6124+.0447	−45 58 6.5	−18.454+.213	10.3	4
8649	8022	7.6	31 59.88	+3.5175+.0366	−40 26 17.9	−18.452+.208	10.1	4
8650	6166	8.5	32 4.08	+3.9007+.0732	−57 44 56.8	−18.450+.230	10.3	4

8608 25″.4, 26″.1, 27″.1, 23″.4.

No.	Name	Mag.	R. A. 1910	Prec. and Sec. Var.	Decl. 1910	Prec. and Sec. Var.	Epoch.	No. Obs.
		M	h m s	s s	° ′ ″	″ ″		
8651	6169	6.4	13 32 12.80	+3.9086+.0740	−57 57 19.3	−18.445+.231	10.1	4
8652	3630	7.2*	32 13.36	+3.2964+.0199	−23 9 21.3	−18.445+.196	10.4	4
8653	8072	7.1	32 21.34	+3.7002+.0526	−50 8 30.4	−18.440+.219	10.1	4
8654	8769	9.9	32 21.69*	+3.4832+.0336	−38 4 44.8*	−18.440+.207	10.4	3
8655	9016	7.3	32 24.36	+3.4341+.0298	−34 35 23.9	−18.438+.204	9.8	4
8656	6175	8.1	32 30.02	+3.9077+.0736	−57 51 12.3	−18.435+.232	9.9	4
8657	7995	8.1	32 31.52	+3.5462+.0388	−42 3 21.5	−18.434+.211	10.1	4
8658	8074	6.7	32 34.75	+3.6961+.0521	−49 53 27.6	−18.433+.220	10.2	4
8659	8687	7.4	32 36.97	+3.4896+.0341	−38 26 17.0	−18.431+.208	10.2	4
8660	9020	7.5	32 38.12	+3.4352+.0298	−34 36 20.0	−18.431+.205	9.8	4
8661	8031	9.7	32 38.19	+3.5313+.0375	−41 7 9.1	−18.431+.210	10.4	4
8662	2325	6.8	32 41.45	+4.3240+.1246	−67 12 30.0	−18.429+.256	10.1	4
8663	8596	7.0	32 42.11	+3.5512+.0391	−42 18 24.0	−18.428+.212	10.1	4
8664	5856	6.0	32 56.10	+3.8894+.0714	−57 9 53.1	−18.420+.232	10.0	4
8665	1653	6.5	33 5.03	+4.5496+.1565	−70 19 48.8	−18.415+.270	10.3	4
8666	5680	7.5	33 8.41	+3.8150+.0634	−54 33 59.4	−18.413+.228	10.1	4
8667	8367	7.4	33 16.34	+3.6818+.0504	−49 2 12.8	−18.409+.220	10.0	4
8668	8433	7.8	33 18.75	+3.5846+.0417	−44 3 28.9	−18.407+.215	9.9	4
8669	10482	7.0	33 19.08	+3.3705+.0249	−29 22 53.1	−18.407+.202	9.8	4
8670	10181	5.8	33 38.40	+3.3681+.0247	−29 6 4.8	−18.396+.203	10.1	4
8671	9509	7.0	33 42.10	+3.4130+.0279	−32 39 13.1	−18.394+.206	10.1	4
8672	2896	5.8	33 52.10	+4.1695+.1029	−64 7 11.0	−18.388+.250	9.9	4
8673	2718	9.2	33 53.63	+3.0759+.0068	− 0 21 49.3	−18.387+.186	10.4	1
8674	1081	6.7	33 58.66	+5.0145+.2318	−74 39 32.2	−18.384+.299	9.9	4
8675	5712	7.5	34 1.66	+3.7979+.0612	−53 41 26.2	−18.382+.229	10.0	4
8676	11011	7.6	34 2.62	+3.3144+.0209	−24 24 16.8	−18.382+.201	9.8	4
8677	1498	6.9	34 7.82	+4.6592+.1714	−71 24 45.8	−18.379+.279	9.8	4
8678	6655	2.6	34 10.74	+3.7812+.0594	−53 0 32.4	−18.377+.228	10.0	24
8679	8390	6.4	34 23.51	+3.5102+.0352	−39 17 26.0*	−18.370+.213	10.3	4
8680	5865	7.9	34 24.60	+3.9014+.0715	−57 9 23.9	−18.369+.236	10.3	4
8681	8095	5.6	34 25.63	+3.6990+.0514	−49 29 36.9	−18.368+.224	9.9	4
8682	5715	8.0	34 29.09	+3.8024+.0613	−53 44 6.5	−18.366+.230	10.1	4
8683	8392	5.7	34 31.06	+3.5156+.0356	−39 35 37.2	−18.365+.213	9.7	4
8684	3452	8.8	34 38.83	+4.0995+.0936	−62 25 24.4	−18.361+.248	10.1	4
8685	9856	7.0	35 6.74	+3.3485+.0230	−27 7 16.5	−18.344+.205	9.8	5
8686	8458	6.8	35 12.93	+3.5911+.0416	−43 52 25.0	−18.341+.219	9.8	4
8687	8641	9.7	35 15.62	+3.5698+.0398	−42 39 33.8	−18.339+.218	9.8	4
8688	9233	7.3	35 20.37*	+3.4354+.0292	−33 54 7.3	−18.336+.210	9.8	4
8689	8642	9.2	35 22.07	+3.5733+.0400	−42 49 56.8	−18.335+.218	9.9	4
8690	3911	9.4	35 35.35	+4.0786+.0902	−61 42 57.1	−18.328+.249	10.1	4
8691	8811	8.5*	35 39.89	+3.6168+.0436	−45 7 55.5	−18.325+.222	9.8	4
8692	8628	6.7	35 45.68	+3.6258+.0443	−45 34 20.1	−18.321+.222	10.1	4
8693	8048	8.8	35 49.82	+3.5619+.0389	−42 2 48.8	−18.319+.219	10.1	5
8694	9242	7.0	35 51.94	+3.4387+.0293	−34 0 15.6	−18.318+.211	10.0	4
8695	10516	8.0	35 56.71	+3.3771+.0249	−29 16 30.7	−18.315+.208	10.1	4
8696	5725[1]	5.7	35 58.43	+3.8233+.0625	−54 6 13.1	−18.314+.234	9.6	4
8697	5725[2]	7.1	35 58.60	+3.8234+.0625	−54 6 18.4*	−18.314+.234	9.6	4,3
8698	5059	5.5	36 2.38	+3.9540+.0759	−58 19 54.1	−18.312+.242	10.0	4
8699	8813	7.0	36 8.97	+3.6176+.0435	−45 2 16.0	−18.308+.223	10.1	4
8700	6211	8.2	36 19.17	+3.9507+.0753	−58 9 52.0	−18.302+.243	10.1	4

8654 (21ˢ.92),(40″.3?).

8679 27″.8, 24″.7, 25″.8, 25″.5.

8688 20ˢ.31, 20ˢ.51, 20ˢ.29, 20ˢ.37.

8697 (16″.2).

No.	Name	Mag.	R. A. 1910	Prec. and Sec. Var.	Decl. 1910	Prec. and Sec. Var.	Epoch.	No. Obs.
		M	h m s	s s	° ′ ″	″ ″		
8701	8520	9.1	13 36 22.54	+3.6782+.0486	−47 59 12.9*	−18.300+.227	10.0	2
8702	8405	9.3	36 23.37	+3.5329+.0364	−40 9 14.8	−18.299+.218	10.3	4
8703	9945	7.4	36 25.74	+3.3396+.0222	−26 4 34.1	−18.298+.207	10.4	4
8704	8653	8.7	36 30.24	+3.5770+.0399	−42 43 16.4	−18.295+.221	9.8	4
8705	3926	6.9	36 30.66	+4.0696+.0883	−61 16 59.0	−18.295+.250	10.1	4
8706	8526	9.4	36 31.86	+3.6795+.0487	−48 0 26.4	−18.294+.227	10.2	4
8707	3645	6.4	36 32.68	+3.3044+.0199	−22 59 41.7	−18.294+.204	10.4	4
8708	3927	6.8	36 34.09	+4.0766+.0890	−61 26 14.5	−18.293+.251	10.4	4
8709	9549	Var.	36 35.92	+3.4295+.0285	−33 8 32.8	−18.292+.212	10.2	4
8710	8656	7.3	36 37.88	+3.5771+.0399	−42 41 30.9	−18.290+.221	9.8	4
8711	3674	5.2	36 53.20	+3.1520+.0108	− 8 14 57.3	−18.281+.196	9.8	9,18
8712	1184	7.7	36 53.68	+4.8867+.2024	−73 10 58.6	−18.281+.300	10.1	4
8713	5891	6.3	37 2.61	+3.8963+.0691	−56 18 49.2	−18.276+.241	10.2	4
8714	3933	7.4	37 4.14	+4.0739+.0883	−61 15 17.5	−18.275+.252	10.1	4
8715	9259[1]	7.4	37 10.34	+3.4368+.0289	−33 31 30.9	−18.271+.214	10.0	4
8716	9259[2]	7.7	37 10.37	+3.4368+.0289	−33 31 35.4	−18.271+.214	10.0	4
8717	7983	6.3	37 16.19	+3.7362+.0535	−50 20 8.6	−18.268+.232	10.1	4
8718	8664	7.3	37 19.99	+3.5812+.0400	−42 43 51.4	−18.265+.223	9.8	4
8719	306	8.7	37 21.38	+14.215+4.544	−87 10 12.5	−18.264+.862	9.7	4
8720	8480	7.2	37 24.31	+3.5998+.0415	−43 44 11.6	−18.263+.224	9.9	4
8721	8096	6.0	37 34.26	+3.5514+.0375	−40 56 45.2	−18.257+.222	9.9	4
8722	8077	7.8	37 35.98	+3.5649+.0386	−41 43 37.4	−18.256+.222	10.0	4
8723	5898	8.1	37 39.86	+3.9276+.0719	−57 8 10.0	−18.253+.244	9.9	4
8724	9566	8.1	37 41.05	+3.4207+.0276	−32 12 57.3	−18.253+.214	10.1	4
8725	2725	9.5	37 49.90	+3.0844+.0073	− 1 13 43.1	−18.247+.194	10.4	1
8726	10543	7.0	37 55.22	+3.3888+.0253	−29 43 44.3	−18.244+.212	10.3	4
8727	5092	6.7	37 55.70	+3.9863+.0779	−58 46 56.0	−18.244+.249	9.9	4
8728	5094	8.4	37 59.93	+3.9870+.0779	−58 46 56.2	−18.241+.249	9.9	4
8729	1664	7.2	38 0.34	+4.6894+.1688	−71 4 47.6	−18.241+.291	10.1	4
8730	7692	7.6	38 11.19	+3.7741+.0565	−51 38 45.5	−18.234+.236	10.4	4
8731	8089	6.1	38 17.57	+3.5662+.0384	−41 36 50.8	−18.230+.224	10.1	4
8732	8843	7.4	38 23.23	+3.6284+.0435	−44 59 0.0	−18.227+.228	10.0	4
8733	3760	8.6	38 23.47	+3.2963+.0192	−21 54 51.0	−18.227+.208	10.0	4
8734	8429	7.0*	38 30.26	+3.5352+.0359	−39 43 29.1	−18.223+.222	10.1	4
8735	8109	8.0	38 36.43	+3.5553+.0375	−40 53 37.7	−18.219+.224	10.1	4
8736	7998	6.5	38 36.52	+3.7502+.0544	−50 33 33.2	−18.219+.236	9.9	4
8737	2309	7.6	38 42.65	+4.3437+.1192	−66 18 7.5	−18.215+.272	9.6	4
8738	8685	7.3	38 43.74	+3.5927+.0404	−42 59 17.7	−18.215+.226	9.4	4
8739	8764	10.0	38 46.24	+3.5269+.0352	−39 8 24.7	−18.213+.222	10.0	4
8740	8766	9.8	38 55.80	+3.5144+.0342	−38 19 19.3	−18.207+.222	9.3	1
8741	6252	8.4	39 11.98	+3.9612+.0743	−57 45 24.8	−18.197+.250	9.5	1
8742	8772	9.4	39 37.52	+3.5288+.0351	−39 2 3.7	−18.182+.224	10.0	4
8743	6255	7.2	39 39.75	+3.9662+.0744	−57 47 26.6	−18.180+.251	9.6	4
8744	11057	6.2	39 44.90	+3.3358+.0215	−25 2 53.7	−18.177+.213	10.0	4
8745	8458	6.9	39 52.98	+3.7066+.0496	−48 20 26.6	−18.172+.236	9.8	4
8746	8130	8.1	40 1.05	+3.5610+.0375	−40 51 4.2	−18.167+.227	10.0	4,3
8747	3987	6.6	40 2.08	+4.1351+.0925	−62 0 1.1	−18.167+.263	10.0	4
8748	8973	7.1*	40 14.98	+3.4759+.0310	−35 28 21.3*	−18.159+.222	10.0	4,3
8749	3570	6.6	40 18.46	+4.1587+.0949	−62 27 31.2	−18.156+.265	10.3	5
8750	3994	8.3	40 21.08	+4.1213+.0906	−61 37 4.4.	−18.155+.262	10.3	4

8701 14″.2, 11″.5.

8748 (24″.8).

No.	Name	Mag.	R. A. 1910	Prec. and Sec. Var.	Decl. 1910	Prec. and Sec. Var.	Epoch.	No. Obs.
		M	h m s	s s	° ′ ″	″ ″		
8751	5725	6.7*	13 40 24.88	+3.8596+.0633	-54 13 54.1	-18.152+.246	10.1	4
8752	1670	6.9	40 25.00	+4.6989+.1658	-70 46 48.7	-18.152+.298	10.2	4
8753	8784	9.0	40 29.42	+3.5327+.0352	-39 2 42.2	-18.150+.226	9.8	2
8754	9603	4.4	40 34.15	+3.4355+.0281	-32 35 19.8	-18.147+.220	9.9	15
8755	9972	5.8	40 35.32	+3.3454+.0220	-25 39 52.4	-18.146+.215	10.0	7
8756	4003	6.2	40 53.53	+4.1499+.0934	-62 8 21.4	-18.135+.265	10.1	4
8757	8017	4.7	40 57.17	+3.7757+.0552	-50 58 53.2	-18.132+.243	10.1	4
8758	6740	7.4	41 16.81	+3.8264+.0596	-52 49 56.5	-18.120+.246	10.0	5
8759	7732	7.0	41 26.47	+3.8004+.0572	-51 49 6.9	-18.114+.245	10.0	4
8760	8995	5.2	41 41.33	+3.4863+.0314	-35 48 6.0	-18.105+.226	9.8	4
8761	8194	6.1	41 47.23	+3.7520+.0526	-49 47 59.2	-18.101+.243	9.8	4
8762	5935	8.1	41 56.47	+3.9355+.0697	-56 19 28.0	-18.095+.254	10.2	4
8763	8198	5.5	41 59.74	+3.7550+.0528	-49 52 16.0	-18.093+.243	9.8	4
8764	8199	7.6	42 0.98	+3.7504+.0524	-49 40 30.9	-18.093+.243	9.8	4
8765	8701	8.9	42 9.39	+3.6612+.0447	-45 36 52.9	-18.087+.238	9.6	4
8766	5185	7.6	42 33.31	+4.0367+.0796	-59 2 46.2	-18.072+.262	10.1	4
8767	8477	9.7	42 47.69	+3.5509+.0358	-39 32 15.7	-18.063+.232	10.3	4
8768	4041[1]	7.6	42 57.21	+4.1483+.0912	-61 39 16.6	-18.057+.270	10.0	4
8769	4041[2]	8.4	42 58.30	+4.1484+.0912	-61 39 6.8	-18.056+.270	10.2	5,4
8770	2782	4.5	42 59.13	+2.8850-.0006	+17 54 17.8	-18.056+.190	10.0	17,31
8771	4998	7.6	43 3.48	+4.0911+.0849	-60 18 14.4	-18.053+.267	10.2	4
8772	8870	7.3	43 6.49	+3.6855+.0464	-46 31 29.5	-18.051+.241	10.0	4
8773	8482	8.5	43 13.42	+3.5543+.0360	-39 37 53.2	-18.047+.233	10.3	4
8774	8871	7.8	43 19.52	+3.6822+.0460	-46 18 48.9	-18.043+.242	10.3	4
8775	8859	6.8*	43 24.61	+3.5066+.0324	-36 40 44.0	-18.040+.230	9.9	8
8776	8559	8.7	43 38.75	+3.6225+.0411	-43 17 5.3	-18.031+.238	10.3	4
8777	4046	8.3	43 39.33	+4.1630+.0922	-61 49 37.4	-18.030+.273	10.3	4
8778	9019	6.5	43 43.95	+3.4856+.0309	-35 15 5.2	-18.027+.230	10.1	4
8779	10608	7.9	43 45.86	+3.3994+.0250	-29 12 45.3	-18.026+.224	10.4	4
8780	1452	7.1	43 52.14	+4.9508+.1977	-72 41 47.8	-18.022+.324	10.4	4
8781	8490	7.1	43 54.80	+3.5649+.0366	-40 4 7.5	-18.020+.235	10.1	4
8782	9429	Var.	43 56.85	+3.3828+.0239	-27 55 5.5	-18.019+.224	10.4	4
8783	2027	1.9	43 59.69	+2.3802-.0102	+49 45 42.4	-18.017+.160	10.2	7
8784	8491	7.2	43 59.90	+3.5653+.0366	-40 4 3.0	-18.017+.236	10.1	4
8785	585	5.8	44 5.27	+7.3643+.7503	-82 13 14.5	-18.014+.479	9.4	4
8786	8171	3.5	44 6.11	+3.5866+.0382	-41 14 22.2	-18.013+.237	9.7	8
8787	8172	3.3	44 11.40	+3.6014+.0393	-42 1 32.2	-18.010+.238	9.9	18
8788	8223	8.3	44 13.56	+3.7670+.0528	-49 47 30.9	-18.008+.249	10.4	4
8789	9358	4.4	44 13.61	+3.4685+.0296	-34 0 5.8	-18.008+.230	9.7	9
8790	5960	7.8	44 42.72	+3.9850+.0727	-57 8 1.3	-17.990+.264	10.0	4
8791	8649	8.0	44 42.86	+3.7233+.0488	-47 49 35.7	-17.990+.247	10.0	4
8792	2014	5.7	44 46.81	+4.6057+.1455	-68 57 17.9	-17.987+.304	10.1	4
8793	9439	7.8	44 48.75	+3.3828+.0238	-27 44 19.9	-17.986+.225	10.3	4
8794	8501	6.5	44 57.55	+3.5588+.0358	-39 27 13.6	-17.980+.237	10.0	4
8795	3937	5.1	44 58.72	+3.2610+.0165	-17 41 9.7	-17.980+.218	9.4	4
8796	10277	6.1	45 0.22	+3.3952+.0246	-28 38 1.2	-17.978+.226	10.0	4
8797	5963	8.3	45 5.78	+3.9844+.0724	-57 1 36.4	-17.975+.265	10.1	4
8798	2564	4.3	45 8.18	+2.9001+.0002	+16 14 38.2	-17.973+.195	9.4	4
8799	10935	7.2*	45 12.32	+3.4230+.0263	-30 37 13.0	-17.971+.229	10.1	4
8800	1455	7.0	45 29.14	+4.9929+.2009	-72 49 22.2	-17.960+.331	9.8	4

No.	Name	Mag.	R. A. 1910	Prec. and Sec. Var.	Decl. 1910	Prec. and Sec. Var.	Epoch.	No. Obs.
		M	h m . s	s s	° ′ ″	″ ″		
8801	10945	7.2	13 45 31.06	+3.4259+.0265	-30 45 31.9	-17.959+.230	9.9	5
8802	10623	7.7	45 36.03	+3.4077+.0253	-29 25 41.3	-17.955+.228	9.7	4
8803	10946	8.2	45 41.04	+3.4268+.0265	-30 47 2.6	-17.952+.230	9.3	1
8804	1945	7.1	45 52.60	+4.6744+.1532	-69 36 7.1	-17.945+.311	9.8	4
8805	5243	9.0	45 54.61	+4.0876+.0822	-59 35 20.4	-17.943+.273	9.3	1
8806	8662	7.4	45 55.51	+3.7308+.0490	-47 50 48.0	-17.943+.250	9.6	4
8807	8664	7.7	45 57.76	+3.7311+.0490	-47 51 8.3	-17.941+.250	9.6	4
8808	3690	7.8	46 7.20	+4.2396+.0985	-62 54 38.5	-17.935+.284	9.8	4
8809	3691	8.3	46 8.64	+4.2418+.0987	-62 57 2.8	-17.934+.284	9.8	4
8810	8909	5.9	46 12.30	+3.7010+.0464	-46 27 9.9	-17.932+.249	9.7	4
8811	6787[1]	7.7	46 14.55	+3.8475+.0588	-52 21 49.5	-17.930+.258	9.8	4
8812	6787[2]	5.7	46 16.48	+3.8477+.0588	-52 21 56.2	-17.929+.258	9.9	5
8813	9054	6.5	46 20.40	+3.5068+.0318	-35 59 5.4	-17.927+.236	10.1	4
8814	11329	6.5	46 22.79	+3.3381+.0208	-23 56 15.7	-17.925+.225	10.1	4
8815	8670	7.1	46 25.82	+3.7239+.0482	-47 25 11.6	-17.923+.251	10.0	5
8816	10960	7.2*	46 30.94	+3.4306+.0266	-30 52 20.2	-17.920+.232	9.8	4
8817	2503	7.2	46 35.18	+4.4230+.1195	-66 4 3.9	-17.917+.297	9.9	4
8818	9676[1]	4.7	46 37.66	+3.4552+.0282	-32 32 53.5	-17.915+.234	9.8	4
8819	9676[2]	6.2	46 38.32	+3.4552+.0282	-32 32 55.8	-17.915+.234	9.8	4
8820	10706	6.2	46 50.88	+3.4359+.0269	-31 10 23.0	-17.907+.232	9.6	4
8821	8092	7.5	46 57.13	+3.8013+.0544	-50 28 32.5	-17.902+.257	9.7	5
8822	5781	7.4	46 58.44	+3.9043+.0636	-54 7 54.4	-17.902+.264	9.8	4
8823	2417	7.9	47 7.31	+4.5675+.1370	-68 3 40.6	-17.896+.308	9.6	4
8824	4102	7.9	47 7.86	+4.1672+.0896	-61 11 5.5	-17.896+.281	9.6	4
8825	10966	7.9	47 8.72*	+3.4250+.0261	-30 20 24.8	-17.895+.233	9.8	4
8826	5775	8.9	47 18.24	+3.9220+.0650	-54 37 37.6	-17.889+.266	10.0	4
8827	8220	7.4	47 21.40	+3.6165+.0394	-42 2 14.4	-17.887+.246	9.9	4
8828	2423	8.3	47 38.96	+4.5542+.1346	-67 47 35.1	-17.875+.308	10.0	3
8829	2370	8.0	47 50.85	+4.4632+.1229	-66 27 27.1	-17.867+.302	9.8	4
8830	6805	6.1	47 52.08	+3.8747+.0604	-52 55 45.2	-17.866+.264	9.9	4
8831	2371	9.8	47 53.86	+4.4635+.1229	-66 27 11.0	-17.865+.303	10.0	4
8832	8782	9.2	47 54.08	+3.6827+.0443	-45 11 17.5	-17.865+.251	10.4	4
8833	2426	5.7	47 57.56	+4.5159+.1293	-67 12 30.4	-17.863+.306	10.2	5
8834	10729[1]	9.2	48 1.37	+3.4442+.0272	-31 29 15.6	-17.860+.236	9.8	4
8835	10729[2]	4.8	48 1.47	+3.4442+.0272	-31 29 0.7	-17.860+.236	9.6	9
8836	8231	8.0	48 6.11	+3.6039+.0382	-41 11 24.9	-17.857+.246	9.6	4
8837	8978	7.7*	48 12.66	+3.5444+.0339	-37 49 18.4	-17.853+.243	9.9	4
8838	9090	5.6	48 16.89	+3.5019+.0310	-35 13 12.5	-17.850+.240	9.4	9
8839	8931	5.9	48 20.67	+3.7179+.0469	-46 41 4.5	-17.847+.254	10.3	4
8840	5071	7.4	48 24.95	+4.1661+.0884	-60 53 28.7	-17.844+.284	9.6	4
8841	8104	8.6	48 26.36	+3.8234+.0556	-50 57 24.2	-17.844+.262	10.2	4
8842	5791	6.9	48 29.55	+3.9102+.0632	-53 58 7.6	-17.842+.267	9.9	4
8843	9223	6.3	48 38.16	+3.4976+.0306	-34 52 9.6	-17.836+.240	10.1	4
8844	5783	7.2	48 39.41	+3.9319+.0651	-54 37 42.0	-17.835+.269	9.9	4
8845	5779	7.4	48 40.05	+3.9536+.0671	-55 17 41.5*	-17.835+.271	9.9	4
8846	8578	7.3	48 40.27	+3.7562+.0498	-48 14 57.3	-17.834+.258	9.8	4
8847	5791	6.9	49 2.84	+3.9332+.0650	-54 34 45.0	-17.819+.270	9.6	4
8848	8714	7.4	49 3.62	+3.7451+.0488	-47 41 29.6	-17.819+.258	10.3	4
8849	2526	7.4	49 6.36	+4.4445+.1191	-65 56 36.5	-17.817+.304	10.0	4
8850	10742	6.9	49 8.66	+3.4554+.0277	-32 0 7.6	-17.815+.238	10.4	4

8825 $8^s.58$, $8^s.79$, $8^s.77$, $8^s.73$.

8845 $41''.7$, $39''.8$, $43''.3$(?), $41''.3$.

No.	Name	Mag.	R. A. 1910	Prec. and Sec. Var.	Decl. 1910	Prec. and Sec. Var.	Epoch.	No. Obs.
		M	h m s	s s	° ′ ″	″ ″		
8851	10308	6.8	13 49 3.94	+3.4024+.0244	-28 17 59.5	-17.815+.235	10.3	4
8852	9478	6.3	49 10.73	+3.4001+.0242	-28 7 30.8	-17.814+.235	10.0	4
8853	4169	8.1	49 20.55*	+4.2226+.0936	-61 55 0.2	-17.808+.290	10.2	4
8854	7832	5.8	49 23.47	+3.8504+.0575	-51 43 5.3	-17.806+.265	10.2	4
8855	9417	6.7	49 23.99	+3.4890+.0299	-34 9 11.5	-17.805+.241	9.9	4
8856	4171	9.2	49 24.95	+4.2242+.0937	-61 56 6.3	-17.805+.291	10.2	4
8857	3800	6.7	49 31.94	+3.3184+.0194	-21 48 1.8	-17.800+.230	10.4	4
8858	3053	7.7	49 34.06	+4.3030+.1022	-63 26 58.8	-17.798+.296	10.4	4
8859	8944	7.7	49 36.50	+3.7240+.0469	-46 38 58.4	-17.797+.257	10.1	4
8860	8949	3.1	49 55.19	+3.7302+.0473	-46 50 43.7	-17.784+.258	9.8	17
8861	10757	7.0	50 4.59	+3.4532+.0274	-31 39 26.0	-17.778+.240	10.3	4
8862	5786	6.8	50 4.67	+3.9713+.0679	-55 30 39.8	-17.778+.275	10.2	4
8863	8126	7.0	50 7.20	+3.8144+.0540	-50 13 9.2*	-17.776+.265	10.3	4
8864	8281	6.7	50 16.66	+3.6208+.0388	-41 33 11.7	-17.770+.252	10.3	4
8865	8860	8.1	50 23.15	+3.6449+.0405	-42 45 25.5	-17.765+.254	9.9	4
8866	2725	2.8	50 23.97	+2.8612-.0005	+18 50 54.7	-17.765+.201	9.7	34,47
8867	8601	7.5	50 24.82	+3.7712+.0503	-48 26 58.2	-17.764+.262	10.1	4
8868	5805	6.4	50 25.24	+3.9152+.0626	-53 41 25.9	-17.764+.272	10.1	4
8869	8266	9.5	50 25.58	+3.5998+.0372	-40 24 50.4	-17.764+.251	10.4	4
8870	2438	7.2	50 32.87	+4.5740+.1332	-67 33 54.7	-17.759+.317	10.2	4
8871	11015	6.5	50 33.82	+3.4428+.0266	-30 50 38.3	-17.758+.240	10.3	4
8872	5806	6.1	50 36.56	+3.9343+.0642	-54 15 29.3	-17.756+.274	10.2	4
8873	7846	6.6	50 37.38	+3.8550+.0572	-51 35 40.4	-17.756+.268	10.4	4
8874	10690	7.0	50 44.21	+3.4330+.0260	-30 8 13.1	-17.751+.240	10.1	4
8875	8815	5.9	50 44.32	+3.7188+.0460	-46 8 58.9	-17.751+.260	10.4	5
8876	587	7.1	50 53.57	+7.7843+.8199	-82 29 0.4	-17.745+.535	9.7	4
8877	4194	6.7	50 56.94	+4.2446+.0945	-62 2 48.9	-17.742+.296	10.2	4
8878	3070	4.7	51 7.52	+4.3081+.1012	-63 14 44.9	-17.735+.300	9.6	9
8879	8822	7.0	51 11.65	+3.7167+.0457	-45 56 43.7	-17.733+.260	10.4	4
8880	922	6.2	51 13.62	+6.0440+.3754	-78 9 4.9	-17.731+.419	10.0	4
8881	5794	7.6	51 18.54	+3.9835+.0683	-55 35 52.0	-17.728+.279	10.4	4
8882	9024	7.1	51 21.31	+3.5580+.0340	-37 52 41.7	-17.726+.250	10.1	4
8883	9501	6.8	51 24.75	+3.3934+.0235	-27 11 51.6	-17.724+.239	10.3	4
8884	9025	7.6	51 28.45	+3.5598+.0341	-37 57 25.0*	-17.721+.250	9.8	4
8885	9503	7.7	51 46.75	+3.3946+.0235	-27 13 12.3	-17.709+.239	10.3	4
8886	2553	6.2	51 47.47	+4.4380+.1153	-65 21 37.3	-17.708+.311	9.8	4
8887	9257	7.7*	51 52.15	+3.5027+.0302	-34 27 49.1	-17.705+.247	9.6	4
8888	2865	5.9	51 52.69	+3.0562+.0066	+ 1 29 25.3	-17.704+.216	10.4	7
8889	8973	7.5	52 3.17	+3.7356+.0468	-46 34 9.8	-17.697+.263	9.9	4
8890	8289	9.6	52 4.83	+3.6141+.0378	-40 46 53.6	-17.696+.255	9.9	4
8891	8630	7.3	52 5.39	+3.7842+.0507	-48 34 44.9	-17.696+.267	9.9	4
8892	10338	7.2	52 9.45	+3.4093+.0243	-28 11 43.7	-17.693+.241	9.9	4
8893	2447	7.7	52 23.29	+4.5847+.1322	-67 24 7.0	-17.684+.322	9.6	4
8894	3687	6.4	52 26.97	+3.3344+.0200	-22 35 1.0	-17.681+.237	9.9	4
8895	9044	7.6*	52 39.22	+3.5605+.0339	-37 43 45.9	-17.673+.252	10.1	4
8896	2449	8.1	52 42.33	+4.5892+.1323	-67 24 32.2	-17.670+.323	9.6	4
8897	9458	8.4	52 43.28	+3.4942+.0295	-33 45 5.0	-17.670+.248	10.1	3
8898	8772	7.4	52 46.95	+3.7744+.0496	-48 1 29.1	-17.667+.267	10.2	5
8899	8329	4.0	52 47.74	+3.6344+.0390	-41 39 41.2	-17.667+.258	9.4	8
8900	9460	8.0	52 48.61	+3.4912+.0293	-33 32 18.4	-17.666+.248	9.4	4

8853 $20^s.52$, $20^s.63$, $20^s.31$, $20^s.75$.

8863 $8''.1$, $9''.9$, $8''.0$, $10''.9$.

8884 $24''.3$, $26''.7$, $24''.6$, $24''.6$.

No.	Name	Mag.	R. A. 1910	Prec. and Sec. Var.	Decl. 1910	Prec. and Sec. Var.	Epoch.	No. Obs.
		M	h m s	s s	° ′ ″	″ ″		
8901	9461	7.5	13 52 52.03	+3.4980+.0297	−33 57 20.4	−17.664+.249	9.9	4
8902	10089	6.5	52 53.98	+3.3748+.0222	−25 33 33.1	−17.662+.240	10.1	4
8903	8299	10.0	53 0.45	+3.6216+.0380	−40 57 24.7	−17.658+.257	10.4	4
8904	10716	7.2	53 0.58	+3.4276+.0243	−29 18 16.7	−17.658+.244	10.4	4
8905	9010	4.2	53 6.88	+3.6918+.0431	−44 21 52.4	−17.654+.262	9.9	17
8906	2663	7.7	53 14.91	+4.4382+.1137	−65 6 14.6	−17.648+.314	9.9	4
8907	5131	8.3	53 17.88	+4.2138+.0892	−60 56 34.8	−17.646+.299	10.1	4
8908	9466	7.8	53 21.03	+3.4997+.0297	−33 57 29.9	−17.644+.250	9.8	4
8909	9467	8.1	53 24.44	+3.4935+.0293	−33 33 19.0	−17.641+.249	9.4	4
8910	11202	5.2	53 27.95	+3.3623+.0214	−24 31 59.7	−17.639+.240	10.0	14
8911	8356	6.1	53 30.42	+3.8276+.0536	−49 55 52.4	−17.637+.273	9.8	4
8912	9013	7.6	53 34.49	+3.7087+.0442	−45 1 45.4	−17.634+.265	9.6	4
8913	3807	7.6	53 35.90	+4.2855+.0965	−62 20 39.7	−17.634+.305	10.1	4
8914	3809	9.8	53 40.24	+4.2862+.0965	−62 20 43.3	−17.630+.305	10.1	4
8915	5135	6.5	53 54.27	+4.2241+.0898	−61 2 34.8	−17.621+.301	9.6	4
8916	8700	8.2	53 56.41	+3.6724+.0414	−43 15 54.8	−17.619+.263	9.6	4
8917	2667	9.2	53 57.08	+4.4004+.1087	−64 21 26.8	−17.619+.313	9.9	4
8918	2573	6.1	54 4.73	+4.4944+.1193	−65 49 53.0	−17.613+.320	9.6	4
8919	8869	6.8	54 41.51	+3.7294+.0454	−45 41 26.6	−17.588+.268	9.4	4
8920	11215	5.8	54 57.51	+3.3663+.0215	−24 34 17.1	−17.577+.243	9.9	4
8921	9011	7.9	55 0.53	+3.5562+.0330	−36 57 40.1	−17.574+.257	9.4	4
8922	6082	6.9	55 10.41	+4.0559+.0725	−56 47 33.4	−17.568+.292	9.4	4
8923	2771	10.0	55 11.56	+3.0805+.0077	− 0 42 26.8	−17.567+.224	10.4	1
8924	4270	7.4	55 12.00	+4.2533+.0917	−61 23 57.3	−17.566+.306	9.4	4
8925	2408	7.5	55 24.35	+4.5991+.1301	−67 5 58.8	−17.558+.331	9.6	4
8926	10111	6.7*	55 30.65	+3.3849+.0224	−25 49 34.7	−17.553+.246	9.6	4
8927	8723	6.9	55 35.10	+3.6910+.0422	−43 45 39.3	−17.550+.268	9.6	4
8928	9022	6.9	55 46.04	+3.5604+.0331	−37 2 0.5	−17.542+.259	9.6	4
8929	8628	6.3	55 52.68	+3.6116+.0366	−39 47 11.5	−17.538+.262	9.6	4
8930	9025	7.5	56 0.36	+3.5589+.0330	−36 53 45.1	−17.532+.259	9.6	4
8931	9040	4.4	56 6.34	+3.7248+.0445	−45 10 3.8	−17.528+.271	9.8	4
8932	799	Var.	56 31.77*	+5.7541+.3014	−76 21 46.3*	−17.510+.416	9.4	8
8933	5354	8.4	56 34.84	+4.1958+.0848	−59 54 38.1	−17.508+.305	10.3	4
8934	839	9.9	56 46.82	+6.2535+.3966	−78 25 7.2	−17.499+.452	10.1	4
8935	8894	8.0	56 53.71	+3.7423+.0455	−45 45 2.6	−17.494+.274	10.3	4
8936	9210	7.0*	57 2.33	+3.5427+.0317	−35 44 41.1	−17.488+.260	9.9	4
8937	2761	4.3	57 3.88	+3.0499+.0065	+ 1 58 46.8	−17.487+.225	10.0	27,54
8938	2287	6.1	57 5.62	+2.7277−.0031	+27 49 15.3	−17.486+.202	9.6	8
8939	8408	9.4	57 14.28	+3.6449+.0384	−41 11 3.9	−17.480+.268	10.2	4
8940	10060	5.7	57 15.47	+3.4058+.0234	−26 59 44.3	−17.479+.250	10.1	4
8941	8409	9.6	57 17.24	+3.6526+.0390	−41 33 12.4	−17.478+.268	9.6	4
8942	701	7.8	57 20.08	+6.9159+.5409	−80 19 57.9	−17.476+.501	9.4	4
8943	5846	5.9	57 21.09	+4.0352+.0692	−55 46 45.4	−17.475+.296	10.1	4
8944	1992	7.7	57 25.48	+4.8192+.1549	−69 26 21.4	−17.472+.352	10.4	4
8945	5365	0.9	57 27.79	+4.2048+.0850	−59 56 20.7	−17.470+.308	10.1	23
8946	10063	7.3	57 31.75	+3.3982+.0230	−26 24 49.6	−17.467+.250	10.4	4
8947	7921	7.6	57 37.46	+3.9012+.0576	−51 37 32.9	−17.463+.287	10.2	4
8948	10859	6.3	57 47.97	+3.4713+.0271	−31 15 8.2	−17.456+.256	10.4	4
8949	8373	6.4	57 58.14	+3.6442+.0382	−40 59 22.7	−17.449+.269	9.9	4
8950	9060	8.0	58 25.96	+3.7142+.0429	−44 10 53.5	−17.428+.275	9.8	4

8932 S.P. 31ˢ.85, 46″.3, 10.6, 5.

No.	Name	Mag.	R. A. 1910	Prec. and Sec. Var.	Decl. 1910	Prec. and Sec. Var.	Epoch.	No. Obs.
		M	h m s	s s	° ′ ″	″ ″		
8951	547	6.9	13 58 26.95	+9.4814+1.308	−84 7 1.8	−17.428+.690	9.4	4
8952	8428	7.1	58 41.92	+3.6554+.0387	−41 22 42.6	−17.417+.271	9.4	4
8953	9061	8.6	58 42.58	+3.5684+.0330	−36 51 2.6	−17.416+.265	9.7	4
8954	9062	7.2	58 44.73	+3.5682+.0329	−36 49 52.3	−17.415+.265	9.7	4
8955	3824	6.2	58 51.76	+3.3400+.0196	−21 59 21.9	−17.410+.249	9.4	4
8956	9819	9.4	58 58.75	+3.4977+.0285	−32 40 23.3	−17.405+.260	9.4	4
8957	9242	7.4*	59 17.07	+3.5416+.0311	−35 12 47.0	−17.392+.264	9.4	4
8958	5887	6.3	59 44.47	+3.9985+.0647	−54 14 16.0	−17.372+.298	9.4	4
8959	5395	6.5	14 0 3.95	+4.1978+.0824	−59 17 7.4	−17.357+.314	9.4	4
8960	1142	6.0	0 10.04	+5.4729+.2441	−74 25 31.8	−17.353+.407	9.6	4
8961	5871	8.2	0 10.98	+3.9860+.0634	−53 46 33.9	−17.352+.298	9.4	4
8962	4332	7.2	0 14.01	+4.3285+.0951	−61 56 38.4	−17.350+.323	9.6	4
8963	5399	7.7	0 17.03	+4.2014+.0826	−59 19 28.0	−17.348+.314	9.4	4
8964	3920	6.6	0 25.83	+4.3891+.1011	−63 0 54.7	−17.341+.328	9.8	4
8965	9078	7.6	0 31.21	+3.7262+.0431	−44 15 29.8	−17.338+.280	9.8	4
8966	5873	8.6	0 31.82	+3.9886+.0634	−53 47 0.9	−17.337+.299	9.3	4
8967	4334	9.0	0 32.69	+4.3263+.0946	−61 50 48.9	−17.336+.324	10.2	4
8968	8405	4.5	0 32.80	+3.6506+.0379	−40 44 55.5	−17.336+.274	9.7	10
8969	9146	7.6	0 33.08	+3.5836+.0335	−37 17 54.9	−17.336+.270	10.2	4
8970	9027	6.3	0 37.05	+3.6911+.0406	−42 39 38.0	−17.333+.278	9.6	4
8971	2903	10.6	0 46.68	+3.0979+.0085	− 2 9 51.6	−17.326+.234	10.4	1
8972	5404	8.2	1 0.51	+4.2406+.0858	−60 2 28.4	−17.316+.319	10.0	4
8973	9364	7.0*	1 10.68	+3.5353+.0304	−34 28 7.9	−17.309+.267	9.8	4
8974	10160	7.6	1 11.56	+3.4035+.0228	−26 8 56.1	−17.308+.258	10.3	4
8975	9087	7.1	1 14.39	+3.7998+.0482	−47 9 33.9	−17.306+.287	9.9	4
8976	10095	3.5	1 14.56	+3.4051+.0228	−26 14 56.6	−17.306+.258	10.0	23,27
8977	9260	2.3	1 22.90	+3.5618+.0319	−35 55 38.9	−17.300+.270	10.0	23
8978	6156	8.1	1 28.35	+4.0918+.0717	−56 27 42.4	−17.296+.309	10.2	4
8979	3940	9.0	1 32.15	+4.3906+.1003	−62 51 0.1	−17.293+.331	9.8	4
8980	5201	8.1	1 33.38	+4.2600+.0872	−60 20 48.3	−17.292+.322	10.3	4
8981	3941	6.5	1 34.99	+4.3871+.0999	−62 46 48.8	−17.291+.331	9.8	4
8982	5879	7.6	1 43.84	+3.9794+.0620	−53 15 44.1	−17.284+.301	10.1	4
8983	5880	8.6	1 44.59	+3.9793+.0620	−53 15 24.2	−17.284+.301	10.1	4
8984	9376	7.3	1 47.52	+3.5478+.0310	−35 3 45.8	−17.281+.269	10.1	4
8985	8944	8.9	1 49.88	+3.7540+.0446	−45 10 19.3*	−17.280+.285	10.1	4,3
8986	5413	9.0*	1 51.69	+4.2507+.0861	−60 5 44.2	−17.278+.322	9.8	4
8987	8475	6.7	1 51.72	+3.8642+.0528	−49 26 29.2	−17.278+.293	10.1	4
8988	8775	6.8	1 54.05	+3.8326+.0503	−48 16 28.8	−17.277+.291	10.3	4
8989	3697	5.5	1 57.14	+3.1785+.0118	− 8 53 4.6	−17.274+.242	9.9	7
8990	8483	9.4	2 13.58	+3.6809+.0394	−41 50 28.0	−17.262+.280	10.1	3
8991	9382	7.2	2 27.60	+3.5406+.0304	−34 31 16.3	−17.252+.270	9.4	4
8992	5383	6.4	2 35.10	+4.1995+.0808	−58 50 54.8	−17.246+.319	9.4	4
8993	5422	9.1*	2 35.89*	+4.2579+.0862	−60 6 44.4	−17.246+.324	9.7	3,4
8994	2012	6.0	2 59.96	+4.9376+.1618	−69 52 43.5	−17.228+.375	9.4	4
8995	9871	7.3	3 4.81	+3.5102+.0285	−32 37 30.0	−17.224+.269	9.8	4
8996	9063	9.5	3 5.44	+3.6957+.0402	−42 20 45.8	−17.224+.283	9.6	4
8997	8497	8.8	3 10.52	+3.6923+.0399	−42 10 16.4	−17.220+.283	9.9	4
8998	2907	9.5	3 14.03	+3.0927+.0083	− 1 41 6.0	−17.217+.238	10.4	1
8999	9065	6.4	3 16.23	+3.7119+.0412	−43 2 35.2	−17.216+.285	10.1	4
9000	5431	8.2	3 16.73	+4.2659+.0865	−60 9 16.3	−17.215+.326	9.8	4

8985 ($17''.1$). 8993 ($35^{s}.50$).

No.	Name	Mag.	R. A. 1910	Prec. and Sec. Var.	Decl. 1910	Prec. and Sec. Var.	Epoch.	No. Obs.
		M	h m s	s s	° ′ ″	″ ″		
9001	9112	8.9*	14 3 21.86	+3.7612+.0446	−45 8 52.8	−17.211+.288	9.9	4
9002	10119	8.2	3 25.38	+3.4102+.0228	−26 13 30.2	−17.209+.262	9.6	4
9003	5212	9.2	3 28.27	+4.2736+.0871	−60 16 43.5	−17.207+.327	10.2	4
9004	2014	6.2	3 36.10	+4.8881+.1547	−69 17 34.9	−17.201+.373	9.8	4
9005	8294	6.2	3 39.91	+3.9228+.0565	−51 4 40.6	−17.198+.301	10.0	4
9006	8297	9.2	3 44.89	+3.9237+.0565	−51 5 23.0	−17.194+.301	10.0	4
9007	9114	9.4	3 50.31	+3.7969+.0470	−46 29 44.1	−17.190+.292	9.9	4
9008	7028	4.8	3 54.95	+3.9857+.0614	−53 0 37.5	−17.187+.306	9.6	4
9009	9401	7.7	4 5.08	+3.5451+.0304	−34 27 19.1	−17.179+.274	9.6	4
9010	3865	6.9	4 12.72	+3.1929+.0124	− 9 54 31.0	−17.173+.247	10.5	3
9011	8971	8.4	4 23.27	+3.7833+.0458	−45 50 26.5	−17.165+.292	9.6	4
9012	8972	7.6	4 29.42	+3.7751+.0452	−45 29 16.1	−17.161+.292	9.7	4
9013	9127	8.4	4 37.75	+3.7533+.0436	−44 33 22.5	−17.154+.290	10.0	4
9014	5913	8.1	4 54.50	+4.0628+.0672	−55 1 20.6	−17.142+.314	9.8	4
9015	9945	7.7	4 55.84	+3.8246+.0486	−47 20 36.1	−17.141+.296	9.9	4
9016	11209	6.7	4 59.39	+3.4759+.0262	−30 11 41.2	−17.138+.270	9.8	4
9017	10869	7.0	5 10.16	+3.4678+.0257	−29 39 45.4	−17.130+.270	9.9	4
9018	5912	7.2	5 11.80	+4.1002+.0702	−55 57 26.0	−17.129+.318	10.1	4
9019	4403	7.8	5 12.09	+4.3567+.0937	−61 36 6.8	−17.128+.337	9.9	4
9020	9133	7.8	5 14.10	+3.8040+.0470	−46 29 9.3	−17.127+.295	10.1	4
9021	8820	6.7	5 14.22	+3.8535+.0506	−48 21 21.0	−17.127+.299	10.1	4
9022	9910	8.2	5 16.46	+3.5204+.0287	−32 48 38.5	−17.125+.274	10.1	4
9023	939	8.4	5 30.14	+5.8704+.2957	−76 2 5.6	−17.115+.453	9.8	4
9024	10964	6.6	5 35.67	+3.5017+.0276	−31 39 3.7	−17.111+.273	9.6	4
9025	8984	8.2	5 38.20	+3.7781+.0450	−45 22 20.7	−17.109+.294	9.4	4
9026	8826	8.2	5 38.32	+3.8740+.0519	−49 0 37.9	−17.108+.302	9.7	4
9027	8988	8.6	5 59.22	+3.7800+.0450	−45 22 48.9	−17.093+.295	9.4	4
9028	10879	7.4	6 6.39	+3.4656+.0255	−29 21 36.9	−17.087+.272	9.8	4
9029	10973	7.3	6 12.55	+3.5052+.0276	−31 44 40.2	−17.082+.275	9.6	3
9030	2737	4.8	6 17.69	+2.7385−.0017	+25 31 3.5	−17.079+.216	10.1	15,28
9031	3166	8.1	6 23.35	+4.4808+.1051	−63 33 46.0	−17.074+.350	10.1	4
9032	6530	7.6	6 23.64	+4.1885+.0772	−57 53 40.1	−17.074+.327	9.6	4
9033	5921	8.3	6 26.07	+4.0749+.0674	−55 3 16.2	−17.072+.319	9.9	4
9034	2525	7.5	6 49.22	+4.7908+.1386	−67 46 5.3	−17.054+.374	9.4	4
9035	706	5.0	6 52.36*	+7.3104+.5817	−80 35 11.2*	−17.052+.568	9.7	9
9036	5912	5.5	7 12.52	+4.0154+.0621	−53 14 34.8	−17.036+.316	10.0	4
9037	11551	6.4	7 18.83	+3.3854+.0211	−23 56 26.0	−17.032+.268	10.1	5
9038	8559	6.8	7 20.26	+3.6901+.0386	−41 13 13.2	−17.031+.291	9.8	4
9039	8492	6.9*	7 23.14	+3.6729+.0375	−40 24 38.3*	−17.028+.290	10.3	4
9040	940	6.2	7 23.96	+6.1876+.3456	−77 14 38.2	−17.028+.483	9.8	4
9041	941	9.6	7 32.67	+6.1950+.3465	−77 15 39.0	−17.021+.484	9.8	4
9042	2652	7.2	7 32.68	+4.6384+.1206	−65 43 57.6	−17.021+.364	10.2	4
9043	5933	6.2	7 32.74	+4.0514+.0648	−54 12 12.3	−17.021+.319	9.9	4
9044	10158	5.2	7 36.42	+3.4298+.0233	−26 50 16.4	−17.018+.271	10.1	4
9045	2655	6.9	7 40.27	+4.6073+.1171	−65 16 47.4	−17.015+.362	9.9	4
9046	5935	8.4	7 52.33	+4.1075+.0693	−55 38 28.7	−17.006+.324	9.9	4
9047	9019	7.6	7 54.98	+3.7944+.0454	−45 33 52.8	−17.004+.300	9.9	4
9048	9948	8.9	7 58.06	+3.5338+.0290	−33 5 13.3	−17.001+.280	10.1	4
9049	10163	6.3	8 4.26	+3.4210+.0228	−26 11 23.8	−16.997+.272	10.4	4
9050	9951	7.8	8 4.78	+3.5344+.0290	−33 5 45.2	−16.996+.280	10.1	4

9035 S.P. 52^{s}.31, 11″.0, 10.4, 9.

9039 38″.9, 39″.2, 38″.7, 36″.4.

No.	Name	Mag.	R. A. 1910	Prec. and Sec. Var.	Decl. 1910	Prec. and Sec. Var.	Epoch.	No. Obs.
		M	h m s	s s	° ′ ″	″ ″		
9051	3878	4.3	14 8 5.55	+3.1956+.0124	- 9 51 18.8	-16.996+.254	10.0	42,58
9052	8360	7.3	8 14.41	+3.9405+.0558	-50 44 27.1	-16.989+.312	9.8	4
9053	8987	8.0	8 20.23	+3.8652+.0502	-48 9 21.9	-16.984+.306	10.1	4
9054	4431	6.5	8 24.61	+4.3690+.0923	-61 17 9.7	-16.981+.346	10.0	4
9055	4434	7.1	8 29.97	+4.3812+.0934	-61 29 48.3	-16.977+.347	10.4	4
9056	8991	8.3	8 36.70	+3.8548+.0493	-47 43 21.7	-16.972+.306	10.2	4
9057	11004	8.1	8 37.85	+3.5106+.0275	-31 37 31.6	-16.971+.280	10.4	4
9058	9026	8.3	8 40.30	+3.7928+.0450	-45 21 1.3	-16.969+.302	10.2	4
9059	6206	5.2	8 40.49	+4.1543+.0726	-56 39 54.3	-16.969+.330	10.1	4
9060	949	7.3	8 43.97	+5.8588+.2849	-75 40 9.2	-16.966+.462	10.0	4
9061	4016	7.4	8 53.34	+4.4528+.1000	-62 41 38.0	-16.959+.353	9.8	4
9062	9029	8.7*	9 2.86	+3.7919+.0448	-45 14 20.2	-16.951+.302	9.9	4
9063	8589	5.8	9 8.85	+3.7022+.0388	-41 25 0.1	-16.947+.295	10.1	4
9064	7087	6.3	9 16.76	+4.0238+.0617	-53 5 23.3	-16.940+.321	10.0	4
9065	11268	7.1	9 27.57	+3.4961+.0266	-30 37 48.1	-16.932+.280	10.0	4
9066	8518	6.9	9 28.50	+3.6832+.0376	-40 28 49.9	-16.931+.295	9.8	4
9067	2490	5.9	9 31.34*	+4.6928+.1244	-66 10 7.1*	-16.929+.374	9.4	8
9068	8796	7.6	9 44.70	+3.6672+.0365	-39 40 48.3	-16.919+.294	9.9	4
9069	10530	6.0	9 48.33	+3.4678+.0250	-28 51 42.1	-16.916+.278	10.0	4
9070	9181	6.4	9 55.61	+3.7797+.0437	-44 34 40.1	-16.910+.303	9.7	4
9071	9191	9.8	9 57.80	+3.8428+.0480	-47 1 4.2	-16.908+.308	10.1	4
9072	5476	Var.	10 4.63	+4.2919+.0839	-59 29 41.0	-16.903+.344	10.1	4
9073	6215	7.2	10 13.35	+4.1748+.0735	-56 52 42.4	-16.896+.335	9.8	4
9074	6570	7.6	10 18.09	+4.2198+.0774	-57 54 23.0	-16.892+.338	10.0	4
9075	2547	7.9	10 33.36	+4.8236+.1377	-67 37 35.4	-16.880+.383	10.0	4
9076	6572	7.3	10 36.54	+4.2015+.0756	-57 26 8.1	-16.878+.338	10.1	4
9077	9181	8.8	10 53.56	+3.7428+.0410	-42 51 23.2	-16.864+.302	9.8	4
9078	9208	10.0	10 56.93	+3.8512+.0482	-47 7 59.3	-16.862+.311	10.3	4
9079	9982	6.6	10 58.45	+3.5388+.0287	-32 49 22.8	-16.861+.286	10.3	4
9080	601	6.4	10 59.92	+8.5159+.8646	-82 26 4.7	-16.860+.679	10.1	4
9081	11034	7.3	11 1.10	+3.5180+.0275	-31 38 21.4	-16.859+.285	10.1	4
9082	4039	7.7	11 3.62	+4.4917+.1020	-62 59 44.2	-16.857+.362	10.1	4
9083	5964	6.9*	11 11.82	+4.1199+.0684	-55 20 51.3	-16.850+.332	10.2	4
9084	3843	4.2	11 17.60	+3.1432+.0103	- 5 34 17.4	-16.846+.256	10.2	19,21
9085	9494	7.5	11 19.99	+3.5722+.0305	-34 35 24.9	-16.844+.290	10.3	4
9086	755	5.2	11 26.92*	+7.0605+.5021	-79 41 38.8*	-16.838+.566	9.7	8
9087	1267	6.6	11 30.47	+5.5299+.2276	-73 33 9.3	-16.835+.445	10.4	4
9088	2777	0.2	11 33.41	+2.8134+.0005	+19 39 2.7	-16.833+.230	9.8	20
9089	6226	8.2	11 46.29	+4.1813+.0731	-56 45 24.5	-16.823+.339	10.3	4
9090	8626	9.6	11 56.01	+3.7220+.0393	-41 45 16.0	-16.815+.303	9.9	4
9091	8559	7.9	12 5.36	+3.6933+.0375	-40 26 40.0	-16.808+.300	9.9	4
9092	9195	7.4	12 15.56	+3.7331+.0400	-42 10 27.7	-16.800+.303	10.1	4
9093	5940	7.7	12 21.96	+4.0663+.0635	-53 42 44.8	-16.795+.331	10.4	4
9094	557	4.1	12 23.03*	+9.2440+1.067	-83 15 23.3*	-16.794+.743	9.8	36,62
9095	10207	7.3	12 23.86	+3.4370+.0231	-26 32 31.0	-16.793+.281	10.3	4
9096	5464	6.7	12 25.07	+4.2530+.0788	-58 16 12.6	-16.792+.346	10.1	4
9097	5467	6.7	12 40.95	+4.2867+.0816	-58 56 35.6	-16.779+.349	10.3	4
9098	5976	7.3	12 53.95	+4.1366+.0688	-55 27 59.6	-16.769+.338	10.4	4
9099	1949	4.3	12 57.74	+2.3005-.0049	+46 30 4.0	-16.766+.191	10.1	12
9100	10005	6.5	13 4.02	+3.5450+.0287	-32 48 13.3	-16.761+.291	10.2	4

9067S.P. $31^s.38$, $8''.5$, 10.0, 4.

9086S.P. $26^s.97$, $38''.5$, 10.2, 4.

9094S.P. $22^s.90$, $23''.4$, 9.8, 38, 51, ($26''.0$).

No.	Name	Mag.	R. A. 1910	Prec. and Sec. Var.	Decl. 1910	Prec. and Sec. Var.	Epoch.	No. Obs.
		M	h m s	s s	° ′ ″	″ ″		
9101	5294	5.3	14 13 14.81	+4.3888+.0904	−60 51 21.8	−16.752+.358	9.4	4
9102	6241	8.2	13 34.38	+4.1941+.0731	−56 44 33.5	−16.737+.344	9.9	4
9103	9084	4.1	13 38.15	+3.8251+.0455	−45 38 35.1	−16.734+.314	9.8	8
9104	9086	7.6	13 44.65	+3.8267+.9456	−45 41 5.7	−16.728+.314	10.1	4
9105	10271	5.9	13 54.24	+3.4227+.0222	−25 24 34.0	−16.721+.282	10.1	4
9106	10223	6.6	13 56.35	+3.4438+.0232	−26 43 34.4	−16.719+.284	10.2	4
9107	9268	6.0	13 57.08	+3.6199+.0327	−36 35 14.3	−16.718+.298	10.0	4
9108	5983	7.2*	13 59.11	+4.1408+.0685	−55 22 40.3	−16.717+.340	10.1	4
9109	5984	4.4	14 1.89	+4.1652+.0705	−55 58 20.1	−16.714+.342	9.8	9
9110	6603	7.9	14 8.28	+4.2587+.0782	−58 6 7.2	−16.709+.350	10.4	4
9111	1519	7.9	14 13.80*	+5.5106+.2193	−73 8 35.1*	−16.705+.451	10.3	2
9112	4018	4.6	14 14.22	+3.2425+.0141	−12 57 26.3	−16.705+.268	10.0	10,17
9113	9274	6.9	14 17.31	+3.6182+.0325	−36 26 37.0	−16.702+.299	9.9	4
9114	9235	5.7	14 30.25	+3.7541+.0406	−42 38 42.7	−16.692+.310	9.9	4
9115	9764	7.1	14 56.04	+3.4611+.0240	−27 38 6.2	−16.671+.287	10.1	4
9116	9236	5.0	14 57.61	+3.8089+.0440	−44 46 18.5	−16.670+.315	9.6	4
9117	8963	7.8	14 59.91	+3.9252+.0518	−48 57 12.5	−16.668+.325	9.4	4
9118	9336	4.2	15 4.71	+3.6419+.0337	−37 28 18.4	−16.664+.302	10.0	20
9119	8684	7.5	15 12.09	+3.9422+.0397	−42 0 40.8	−16.658+.310	9.8	4
9120	9551	7.4	15 14.19	+3.5791+.0301	−34 15 52.8	−16.656+.298	9.6	4
9121	6616	7.5	15 36.48	+4.2598+.0774	−57 52 44.8	−16.638+.354	9.4	4
9122	1168	9.6	15 55.40	+5.7889+.2560	−74 37 29.9	−16.623+.479	9.4	4
9123	6619[1]	5.1	16 9.82	+4.2720+.0780	−58 2 54.2	−16.611+.356	9.4	4
9124	6619[2]	7.0	16 10.20	+4.2721+.9780	−58 3 3.2	−16.611+.356	9.4	4
9125	2519	6.7	16 17.33	+4.7728+.1255	−66 14 1.3	−16.605+.397	9.6	4
9126	9309	7.8	16 17.40	+3.6631+.0346	−38 16 6.7	−16.605+.306	9.6	4
9127	9259	7.7	16 19.64	+3.8020+.0431	−44 14 47.9	−16.603+.318	9.8	4
9128	9270	8.7	16 25.25	+3.8683+.0474	−46 43 18.5	−16.598+.323	10.0	4
9129	5975	7.5	16 27.57	+4.1437+.0674	−55 1 11.5	−16.596+.346	9.8	4
9130	10242	7.6	16 29.52	+3.4530+.0234	−26 54 35.8	−16.595+.289	10.1	4
9131	6001	8.2	16 34.42	+4.1660+.0691	−55 33 4.3	−16.591+.348	9.8	4
9132	9082	6.3	16 45.38	+3.9039+.0497	−47 54 32.0	−16.582+.327	9.6	4
9133	9786	6.9*	16 48.88	+3.4702+.0242	−27 53 49.8	−16.579+.291	9.8	4
9134	9570	5.7	16 55.80	+3.5868+.0302	−34 22 33.1	−16.573+.301	9.9	4
9135	853	6.6	17 1.86	+6.6770+.4021	−78 12 40.5	−16.568+.555	10.1	4
9136	6003	8.5	17 9.21	+4.1939+.0710	−56 7 23.1	−16.562+.351	10.1	4
9137	8872	7.1	17 18.81	+3.6875+.0358	−39 12 47.6	−16.554+.310	10.4	4
9138	8501	6.0	17 19.62	+3.9824+.0549	−50 21 43.3	−16.554+.334	10.4	4
9139	2943	7.1	17 20.17	+3.0933+.0086	− 1 34 38.2	−16.553+.261	10.5	3
9140	9284	6.6	17 24.04	+3.8813+.0479	−47 0 24.1	−16.550+.326	10.4	4
9141	9329	4.6	17 29.24	+3.6857+.0357	−39 6 3.8	−16.546+.310	9.4	3
9142	10252	8.1	17 30.33	+3.4467+.0230	−26 22 35.5	−16.545+.291	10.3	4
9143	955	7.4	17 31.22	+6.1246+.3043	−76 6 42.6	−16.544+.511	10.0	4
9144	8720	7.4	17 37.49	+3.7487+.0394	−41 50 35.0	−16.539+.316	9.6	4
9145	2574	5.7	17 37.73*	+4.9217+.1401	−67 47 11.0*	−16.539+.412	10.0	23
9146	7195	5.9	17 40.54	+4.0665+.0609	−52 45 58.9	−16.536+.342	9.9	4
9147	9286	9.7	17 51.84	+3.7636+.0402	−42 25 13.2	−16.527+.318	10.0	4
9148	9803	4.9	17.54.35	+3.4637+.0237	−27 20 28.3	−16.525+.293	10.0	8
9149	9134	8.2	18 1.85	+3.8364+.0448	−45 15 14.3	−16.519+.324	9.8	4
9150	8728	7.6	18 6.58	+3.7516+.0394	−41 52 38.9	−16.515+.317	9.8	4

9145S.P. $37^s.75$, $11''.7$, 10.0, 8.

9111 N. p. Mean $13^s.90$, $35''.5$, 10.4. 2.

No.	Name	Mag.	R. A. 1910	Prec. and Sec. Var.	Decl. 1910	Prec. and Sec. Var.	Epoch.	No. Obs.
		M	h m s	s s	° ′ ″	″ ″		
9151	9806	7.7	14 18 12.14	+3.4655+.0238	−27 24 23.7	−16.510+.294	9.8	5
9152	760[1]	9.1	18 14.22	+7.2431+.5087	−79 41 51.6	−16.509+.606	10.1	4
9153	760[2]	9.4	18 15.92	+7.2442+.5088	−79 41 55.4	−16.507+.606	10.1	4
9154	9140	9.1	18 21.62	+3.8625+.0464	−46 9 28.8	−16.502+.327	9.9	4
9155	2718	6.4	18 27.04	+4.7588+.1217	−65 45 52.3	−16.498+.401	9.8	4
9156	3729	6.3	18 34.89	+3.2244+.0133	−11 18 12.1	−16.492+.274	9.4	4
9157	11034	7.0	18 39.52	+3.4985+.0253	−29 16 2.0	−16.488+.297	9.6	4
9158	9811	8.1	18 45.82	+3.4657+.0237	−27 20 14.8	−16.482+.294	10.1	4
9159	9302	7.6	18 45.89	+3.8816+.0475	−46 46 8.0	−16.482+.329	10.1	4
9160	10083	6.9	18 53.10	+3.5608+.0285	−32 40 41.6	−16.476+.303	10.2	4
9161	9027	6.6	18 56.85	+3.8054+.0425	−43 54 6.8	−16.473+.323	9.9	4
9162	9299	8.0	19 1.00	+3.8289+.0440	−44 47 43.6	−16.470+.325	10.1	4
9163	9152	6.6	19 5.06	+3.8651+.0462	−46 7 15.4	−16.467+.328	9.8	4
9164	5990	7.0	19 7.03	+4.1456+.0661	−54 36 35.5	−16.465+.352	10.1	4
9165	8656	7.2	19 7.69	+3.7201+.0373	−40 20 47.7	−16.464+.316	10.1	4
9166	3252	8.1	19 9.95	+4.6407+.1092	−64 4 7.4	−16.462+.393	10.2	4
9167	9307	9.2	19 16.95	+3.8679+.0464	−46 11 10.7	−16.457+.329	10.2	1
9168	11045	8.4	19 20.79	+3.4994+.0253	−29 12 39.2	−16.453+.298	9.8	4
9169	6267	7.8	19 27.85	+4.2274+.0724	−56 30 56.2	−16.448+.359	9.9	4
9170	9338	6.7	19 31.43	+3.6492+.0331	−37 2 18.5	−16.445+.311	10.3	4
9171	11469	5.4	19 40.31	+3.4195+.0214	−24 23 53.2	−16.437+.292	10.4	4
9172	2538	6.6	19 53.64	+4.8062+.1251	−66 9 42.5	−16.426+.409	9.6	4
9173	2732	5.8	19 55.29	+4.7471+.1190	−65 24 54.5	−16.425+.404	9.8	4
9174	826	6.0	20 4.44	+6.2241+.3133	−76 19 26.2	−16.417+.528	10.2	4
9175	558	7.1	20 6.39	+10.074+1.246	−83 44 53.5	−16.415+.850	9.4	4
9176	10097	7.6	20 9.25	+3.5626+.0284	−32 33 55.2	−16.413+.305	9.9	4
9177	10668	6.9	20 12.24	+3.4890+.0247	−28 29 12.7	−16.410+.299	10.4	4
9178	9321	8.5	20 15.15	+3.8364+.0440	−44 51 17.3	−16.408+.328	10.1	4
9179	11475	8.0	20 18.98	+3.4173+.0212	−24 10 28.0	−16.405+.293	10.3	4
9180	9322	4.7	20 21.30	+3.8358+.0440	−44 48 53.0	−16.403+.328	9.6	10
9181	9323	4.5	20 23.21	+3.8402+.0442	−44 58 22.3	−16.401+.329	9.6	12
9182	5538	7.0	20 24.55	+4.3430+.0812	−58 49 54.6	−16.400+.371	10.1	4
9183	8757	6.4	20 34.02	+3.7630+.0394	−41 54 40.0	−16.392+.323	9.9	4
9184	10280	6.7	20 35.84	+3.4552+.0230	−26 26 40.3	−16.391+.297	9.8	4
9185	9375	7.2	21 3.29	+3.6999+.0356	−39 7 2.6	−16.368+.318	9.9	4
9186	10114	7.1	21 5.00	+3.5707+.0286	−32 50 40.3	−16.366+.308	10.0	4
9187	127	8.1	21 8.46	+45.871+38.99	−88 57 59.9	−16.363+3.87	9.4	4
9188	8918	6.4	21 14.72	+3.7086+.0361	−39 28 5.1	−16.358+.320	10.1	4
9189	8919	8.1*	21 18.70	+3.7216+.0368	−40 1 41.0	−16.355+.321	9.9	4
9190	9188	5.9	21 23.70	+3.8656+.0455	−45 43 38.4	−16.350+.333	10.0	4
9191	9378	7.8	21 25.53	+3.6864+.0348	−38 26 44.4	−16.349+.318	10.3	4
9192	10290	8.1	21 26.44	+3.4573+.0230	−26 27 6.4	−16.348+.299	9.8	4
9193	8206	8.0	21 29.40	+4.0461+.0576	−51 31 45.6	−16.346+.348	9.6	4
9194	9190	7.4	21 43.58	+3.8694+.0457	−45 48 30.0	−16.334+.334	9.8	4
9195	9191	8.0	21 49.30	+3.8696+.0456	−45 47 49.5	−16.329+.334	9.8	4
9196	9065	7.2	22 0.19	+3.8200+.0425	−43 55 31.1	−16.320+.330	10.1	4
9197	5379	8.9	22 2.67	+4.4726+.0912	−60 59 42.3	−16.317+.386	10.3	4
9198	9638	6.9*	22 4.36	+3.6170+.0308	−35 2 29.6	−16.316+.313	10.0	4
9199	5549	6.5	22 8.28	+4.3547+.0810	−58 47 37.4	−16.313+.376	10.2	4
9200	2810	5.4	22 16.21	+2.7952+.0010	+19 37 52.1	−16.306+.244	9.9	12,18

No.	Name	Mag.	R. A. 1910	Prec. and Sec. Var.	Decl. 1910	Prec. and Sec. Var.	Epoch.	No. Obs.
		M	h m s	s s	° ′ ″	″ ″		
9201	9340	9.3	14 22 21.82	+3.9050+.0477	−46 56 49.6	−16.301+.338	9.7	4
9202	6021	8.0	22 23.02	+4.1759+.0667	−54 49 3.1	−16.300+.361	9.9	4
9203	965	6.9	22 23.28	+6.1631+.2972	−75 52 20.5	−16.300+.530	10.2	4
9204	766	6.7	22 29.32	+7.2948+.4998	−79 33 17.8	−16.295+.626	10.4	4
9205	6023	7.2	22 38.27	+4.2160+.0696	−55 44 1.3	−16.287+.365	9.7	5
9206	10712	5.0	22 53.93	+3.5066+.0251	−29 5 15.4	−16.274+.305	10.1	16
9207	9162	6.5	22 56.65	+3.9270+.0490	−47 35 19.0	−16.272+.341	9.9	4
9208	9346	9.5	23 12.66	+3.9105+.0478	−46 59 9.3	−16.258+.340	10.3	4
9209	9365	8.2	23 14.18	+3.8475+.0438	−44 44 40.9	−16.257+.335	9.8	4
9210	11731	9.5	23 21.06	+3.4212+.0211	−24 1 4.9	−16.251+.299	10.4	4
9211	8777	7.3	23 21.61	+3.9954+.0543	−49 42 24.5	−16.250+.348	10.3	4
9212	2957	5.0	23 33.81*	+3.0975+.0088	− 1 49 30.0	−16.240+.272	9.8	9,18
9213	6025	7.2	23 35.65	+4.2225+.0696	−55 43 44.1	−16.238+.368	9.8	4
9214	9351	8.6	23 44.53	+3.9085+.0475	−46 49 32.1	−16.231+.341	9.6	4
9215	2595	5.8	23 44.83*	+4.9489+.1357	−67 18 52.9*	−16.231+.430	9.5	10
9216	8713	9.5	23 51.10	+3.7560+.0382	−41 3 6.3	−16.225+.328	9.9	4
9217	10724	7.0	23 53.48	+3.5025+.0248	−28 42 42.5	−16.223+.307	9.9	4
9218	9375	8.1	23 54.13	+3.8512+.0438	−44 45 58.0	−16.223+.337	9.6	4
9219	11738	9.5	24 2.50	+3.4179+.0209	−23 43 52.8	−16.215+.300	9.4	1
9220	10367	7.1*	24 19.84	+3.4498+.0223	−25 36 42.1	−16.200+.303	9.8	4
9221	9383	5.5	24 19.99	+3.8574+.0441	−44 55 10.1	−16.200+.338	9.6	4
9222	9098	5.5	24 20.87	+3.9818+.0520	−49 7 0.6	−16.200+.349	9.6	4
9223	9098	7.0	24 24.78	+3.8188+.0417	−43 27 43.3	−16.196+.335	9.8	4
9224	11523	7.7	24 39.17	+3.4426+.0219	−25 8 26.9	−16.184+.303	10.0	4
9225	11748	9.1	24 41.47	+3.4180+.0208	−23 39 17.3	−16.182+.301	9.8	4
9226	10156	9.3	24 47.30	+3.5778+.0283	−32 37 33.7	−16.177+.315	9.8	4
9227	8964	7.2	24 48.68	+3.7366+.0368	−40 4 31.8	−16.176+.329	9.7	4
9228	9113	8.9	25 16.88	+3.8223+.0416	−43 26 53.6	−16.151+.337	9.5	4
9229	8729	6.3	25 17.90	+3.7473+.0373	−40 26 41.7	−16.150+.330	9.7	4
9230	10740	7.8	25 19.68	+3.5098+.0249	−28 54 36.0	−16.149+.310	10.1	4
9231	9380	7.7	25 24.22	+3.9123+.0471	−46 40 19.7	−16.145+.345	10.1	4
9232	10334	7.8	25 31.83	+3.4666+.0229	−26 26 8.5	−16.138+.307	10.1	4
9233	10164	9.3	25 31.94	+3.5804+.0284	−32 38 42.5	−16.138+.316	10.1	4
9234	8971	6.7	25 33.66	+3.7375+.0367	−39 59 10.5	−16.137+.330	10.1	4
9235	9190	7.3	25 33.70	+3.9327+.0484	−47 19 54.3	−16.137+.347	10.3	4
9236	3917	6.9	25 34.27	+3.3939+.0197	−22 3 38.9	−16.136+.300	10.2	4
9237	8735	7.6	25 36.03	+3.7440+.0370	−40 15 20.8	−16.135+.331	9.8	4
9238	9430	6.0	25 36.10	+3.7027+.0347	−38 28 14.3	−16.135+.327	10.1	4
9239	11116	Var.	25 40.53	+3.5250+.0256	−29 41 50.6	−16.131+.312	10.2	4
9240	8600	8.8	25 42.38	+4.0470+.0559	−50 50 31.4	−16.129+.357	10.2	4
9241	11532	8.3	25 42.84	+3.4290+.0212	−24 11 22.5	−16.129+.304	9.9	4
9242	9694	7.5	25 46.62	+3.6137+.0300	−34 16 52.5	−16.126+.320	10.3	4
9243	11533	7.8*	25 50.24	+3.4414+.0218	−24 54 54.6	−16.123+.305	10.1	4
9244	9398	8.0	25 57.88	+3.8056+.0405	−42 41 17.5	−16.116+.337	9.9	4
9245	9406	7.1	25 58.71	+3.8511+.0432	−44 24 26.8	−16.115+.341	9.8	4
9246	9405	8.8	25 59.73	+3.8638+.0439	−44 52 7.3	−16.114+.342	10.2	5
9247	834	7.4	26 1.93	+6.4399+.3311	−76 42 54.6	−16.112+.565	10.1	4
9248	6296	Var.	26 5.54	+4.2737+.0721	−56 29 20.5	−16.109+.378	9.8	4
9249	6044	7.4	26 9.34	+4.2116+.0674	−55 3 54.1	−16.106+.372	10.0	4
9250	9408	8.5*	26 14.12	+3.8698+.0442	−45 2 42.1	−16.102+.343	9.9	4

9215S.P. 44ˢ.91, 54″.6, 10.8, 5. 9212 (33ˢ.66).

No.	Name	Mag.	R. A. 1910	Prec. and Sec. Var.	Decl. 1910	Prec. and Sec. Var.	Epoch.	No. Obs.
		M	h m s	s s	° ′ ″	″ ″		
9251	2603	7.2	14 26 17.18	+4.9686+.1349	−67 13 11.6	−16.099+.438	10.2	4
9252	8270	7.4	26 19.84	+4.0764+.0576	−51 34 19.5	−16.097+.361	9.6	4
9253	8831	4.6	26 32.84	+4.0249+.0540	−50 3 30.9	−16.086+.357	9.6	10
9254	770	8.1	26 34.26	+7.4186+.5061	−79 36 3.8	−16.084+.652	10.2	4
9255	11540	7.9	26 37.41	+3.4304+.0212	−24 9 36.8	−16.082+.305	9.9	4
9256	11263	7.7	26 38.15	+3.5670+.0275	−31 47 13.2	−16.081+.317	10.0	4
9257	1302	6.7	26 44.53	+5.7333+.2250	−73 17 51.6	−16.075+.506	10.2	4
9258	9889	7.8	26 51.33	+3.4850+.0236	−27 18 30.7	−16.069+.311	10.3	4
9259	9421	8.5	26 56.96	+3.8638+.0436	−44 42 29.6	−16.065+.344	9.9	4
9260	10345	7.4	26 59.07	+3.4692+.0228	−26 23 8.0	−16.063+.309	10.4	4
9261	3803	7.0	26 59.59	+3.4127+.0204	−23 2 53.8	−16.062+.304	10.3	4
9262	5594	8.0	26 59.94	+4.3734+.0794	−58 25 24.4	−16.062+.388	9.9	4
9263	410	7.9	27 7.26	+14.542+2.805	−86 0 32.9	−16.056+1.28	9.4	4
9264	6053	6.0	27 12.64	+4.1991+.0659	−54 36 5.0	−16.051+.374	10.1	4
9265	8864	8.0	27 14.19	+3.7937+.0394	−42 0 27.3	−16.050+.338	9.9	4
9266	2604	8.4	27 17.65	+4.9761+.1345	−67 10 47.4	−16.046+.442	10.0	4
9267	7301	5.9	27 17.72	+4.1082+.0594	−52 16 55.6	−16.046+.366	9.9	4
9268	11780	8.2	27 43.02	+3.4305+.0211	−24 1 41.6	−16.024+.307	9.6	4
9269	11519	6.1	27 49.42	+3.5423+.0261	−30 19 1.2	−16.019+.317	9.6	4
9270	2565	8.1	27 53.06	+4.9690+.1331	−67 1 57.5	−16.016+.442	9.9	4
9271	2628	3.8	27 57.05	+2.5939−.0015	+30 45 57.8	−16.012+.234	10.0	10,9
9272	9262	7.5	27 58.46	+3.9072+.0460	−46 4 3.5	−16.011+.350	9.7	4
9273	11783	7.2	28 0.64	+3.4243+.0208	−23 37 20.3	−16.009+.307	10.1	4
9274	10196	7.0	28 2.83	+3.5934+.0286	−32 55 11.0	−16.007+.322	9.7	4
9275	9264	8.8	28 8.38	+3.9071+.0459	−46 2 13.8	−16.002+.350	9.7	4
9276	8890	6.7*	28 25.32	+3.7909+.0389	−41 42 11.2	−15.987+.340	9.6	4
9277	2715	6.0	28 27.13	+2.7359+.0005	+22 39 21.4	−15.986+.247	10.4	10
9278	2565	3.0	28 27.27	+2.4264−.0027	+38 42 5.9	−15.985+.220	10.1	20
9279	5642	6.4	28 33.48	+4.4489+.0845	−59 37 11.5	−15.980+.398	9.5	4
9280	11795	8.9	28 37.70	+3.4311+.0210	−23 57 1.0	−15.976+.309	9.6	4
9281	9269	7.8	28 40.17	+3.9059+.0456	−45 54 31.5	−15.974+.351	9.9	4
9282	6325	7.0	28 41.00	+4.2772+.0710	−56 10 2.4	−15.973+.384	9.9	4
9283	11296	7.7	28 43.16	+3.5686+.0272	−31 33 39.9	−15.971+.321	10.1	4
9284	5437	7.8	28 44.08	+4.5067+.0892	−60 36 48.0	−15.971+.404	10.1	4
9285	3313	7.3	28 55.61	+4.7029+.1062	−63 37 14.8	−15.960+.422	10.2	5
9286	9450	8.8	29 8.98	+3.8809+.0440	−44 57 19.1	−15.949+.350	9.8	4
9287	9750	7.3	29 15.57	+3.6412+.0307	−35 4 2.1	−15.943+.329	9.8	4
9288	9276	7.0	29 16.65	+3.9135+.0459	−46 4 1.6	−15.942+.353	9.8	4
9289	9452	9.2	29 20.96	+3.8812+.0439	−44 56 2.4	−15.938+.350	9.5	2
9290	9469	7.3	29 24.10	+3.6793+.0327	−36 48 34.8	−15.935+.332	9.9	4
9291	9455	9.0	29 31.16	+3.8814+.0439	−44 54 44.9	−15.929+.350	10.1	4
9292	9456	9.0	29 32.61	+3.8795+.0438	−44 50 28.6	−15.928+.350	10.0	5
9293	8917	2.6	29 47.23	+3.7981+.0390	−41 45 46.7	−15.915+.343	10.1	26
9294	8794	5.8	29 49.70	+3.7821+.0381	−41 7 22.6	−15.913+.342	9.8	4
9295	9285	8.1	29 53.28	+3.8919+.0444	−45 13 27.8	−15.910+.352	9.9	4
9296	9431	6.7	29 54.83	+3.9271+.0465	−46 25 18.5	−15.908+.355	9.9	4
9297	2616	6.1	30 12.26	+5.0421+.1379	−67 31 57.9	−15.893+.455	9.5	4
9298	4642	7.0	30 15.87	+4.5806+.0943	−61 37 5.5	−15.890+.414	9.7	4
9299	10223	9.6	30 16.09	+3.5961+.0283	−32 43 32.3	−15.889+.326	9.9	4
9300	9293	5.4	30 25.24	+3.9127+.0455	−45 51 10.0	−15.881+.355	9.8	5

No.	Name	Mag.	R. A. 1910	Prec. and Sec. Var.	Decl. 1910	Prec. and Sec. Var.	Epoch.	No. Obs.
		M	h m s	s s	° ′ ″	″ ″		
9301	2588	8.5	14 30 26.61	+4.9880+.1321	−66 56 8.4	−15.880+.451	10.0	4
9302	9774	7.7	30 38.42	+3.6340+.0301	−34 30 47.8	−15.869+.330	9.6	4
9303	2536	4.5	30 45.67	+2.5982−.0011	+30 8 8.1	−15.863+.238	9.3	4
9304	9047	6.2	30 46.48	+3.7390+.0355	−39 12 14.1	−15.862+.340	9.8	4
9305	11581	8.1	30 53.76	+3.4398+.0211	−24 11 28.6	−15.856+.314	9.7	4
9306	7350	6.6	30 56.95	+4.1450+.0603	−52 40 5.3	−15.853+.376	9.6	4
9307	9050	5.9	31 4.86	+3.7550+.0363	−39 49 7.4	−15.846+.342	9.6	4
9308	9302[1]	5.4	31 26.03	+3.9142+.0452	−45 44 30.1	−15.827+.357	9.4	4
9309	9302[2]	9.2	31 26.81	+3.9141+.0452	−45 44 11.9	−15.826+.357	9.4	4
9310	11826	9.0	31 32.30	+3.4393+.0211	−24 4 59.5	−15.821+.315	9.6	4
9311	10241	8.2	31 38.38	+3.6014+.0283	−32 47 15.4	−15.816+.329	9.6	4
9312	6037	8.0	31 39.92	+4.2078+.0643	−54 7 9.5	−15.814+.384	9.7	4
9313	6038	8.6	31 46.35	+4.2087+.0643	−54 7 27.2	−15.809+.384	9.7	4
9314	2622	7.0	31 48.05	+5.0877+.1408	−67 48 47.7	−15.807+.463	9.6	4
9315	9198	4.1	31 49.58	+4.0192+.0516	−49 2 2.6	−15.806+.367	9.7	4
9316	9493	6.6	31 50.01	+3.8316+.0403	−42 43 12.8	−15.805+.350	9.8	4
9317	9279	6.7	31 55.32	+3.9742+.0487	−47 37 56.4	−15.801+.363	9.9	4
9318	848	6.7	31 58.73	+6.5319+.3285	−76 37 22.8	−15.798+.593	10.2	8
9319	8904	6.6	32 12.25	+4.0373+.0526	−49 30 36.8	−15.786+.370	9.8	4
9320	5644	6.7	32 18.59	+4.4307+.0806	−58 44 54.4	−15.780+.405	10.1	4
9321	9312	6.9*	32 19.18	+3.9107+.0448	−45 28 48.9	−15.779+.358	9.7	4
9322	1218	6.6	32 29.77	+6.0990+.2628	−74 45 3.4	−15.770+.556	9.6	4
9323	3349	7.9	32 31.38	+4.7030+.1032	−63 9 22.8	−15.768+.430	9.8	4
9324	6092	7.5	32 34.68	+4.3013+.0706	−56 6 29.6	−15.765+.394	10.0	4
9325	9529	6.1	32 42.21	+3.7273+.0344	−38 24 12.8	−15.758+.343	9.9	4
9326	3819	7.7	32 51.09	+3.4196+.0201	−22 46 26.1	−15.750+.315	10.1	4
9327	9807	6.8	32 55.63	+3.6492+.0304	−34 53 8.5	−15.746+.336	9.8	4
9328	9514	6.7	33 2.06	+3.8338+.0401	−42 36 39.0	−15.741+.353	9.8	4
9329	9469	6.2	33 16.41	+3.9363+.0460	−46 11 23.3	−15.728+.362	9.7	4
9330	9218	6.5	33 22.76	+4.0150+.0507	−48 39 47.8	−15.722+.370	9.7	4
9331	9683	7.3	33 25.71	+3.6577+.0307	−35 12 22.2	−15.719+.338	9.7	4
9332	5483[1]	1.7	33 27.97	+4.5356+.0882	−60 28 1.5	−15.717+.417	9.6	20
9333	5483[2]	0.3	33 29.55	+4.5366+.0882	−60 27 45.2	−15.716+.417	9.6	19
9334	9327	8.2	33 41.00	+3.9298+.0455	−45 54 38.0	−15.705+.363	9.8	4
9335	10266	7.4	33 50.10	+3.6121+.0285	−32 59 23.0	−15.697+.334	10.1	4
9336	9092	7.6	33 58.00	+3.7503+.0354	−39 10 33.8	−15.690+.347	9.7	4
9337	6107	6.3	34 2.18	+4.3086+.0703	−56 3 10.0	−15.686+.398	9.8	4
9338	9332	8.2	34 7.13	+3.9154+.0445	−45 21 19.6	−15.682+.362	9.9	4
9339	2848	9.2	34 8.84	+3.0790+.0084	− 0 26 58.0	−15.680+.286	10.4	1
9340	11606	8.1	34 10.00	+3.4544+.0214	−24 38 22.7	−15.679+.320	9.9	4
9341	9336	7.9	34 18.94	+3.9105+.0441	−45 9 28.3	−15.671+.362	9.7	4
9342	9337	6.7	34 25.02	+3.9182+.0445	−45 24 21.0	−15.665+.363	9.9	4
9343	10415	7.0	34 26.07	+3.4853+.0227	−26 20 5.6	−15.664+.324	10.1	4
9344	8860	6.8*	34 35.66	+3.7842+.0370	−40 27 13.6	−15.656+.351	9.6	4
9345	10419	7.2	34 43.26	+3.4934+.0230	−26 44 40.7	−15.649+.325	10.1	4
9346	8864	7.5	34 49.29	+3.7792+.0367	−40 13 14.6	−15.643+.351	9.9	4
9347	11852	8.9	34 52.06	+3.4397+.0207	−23 42 57.0	−15.641+.320	10.3	4
9348	10870	8.0	35 6.67	+3.5348+.0247	−28 54 49.6	−15.628+.329	10.3	4
9349	10476	6.9	35 11.19	+3.4785+.0223	−25 52 7.3	−15.623+.324	10.3	4
9350	2977	8.8	35 11.20	+4.8348+.1126	−64 35 10.3	−15.623+.448	9.4	4

No.	Name	Mag.	R. A. 1910	Prec. and Sec. Var.	Decl. 1910	Prec. and Sec. Var.	Epoch.	No. Obs.
		M	h m s	s s	° ′ ″	″ ″		
9351	2977	3.4	14 35 13.29*	+4.8350+.1126	-64 35 1.7*	-15.621+.448	9.8	12
9352	5672	6.3	35 13.97	+4.4249+.0783	-58 13 44.2	-15.621+.411	9.9	4
9353	6744	8.0	35 25.24	+4.4129+.0772	-57 58 26.2	-15.611+.410	9.9	4
9354	2204	5.4	35 29.33*	+2.2399-.0020	+44 47 32.5	-15.607+.212	10.1	9
9355	9702	5.8	35 29.44	+3.6763+.0313	-35 44 54.0	-15.607+.343	9.9	4
9356	11858	7.2	35 40.75	+3.4406+.0207	-23 40 15.9	-15.596+.322	9.9	4
9357	10482	7.4	35 41.68	+3.4828+.0224	-26 2 33.9	-15.596+.326	9.9	4
9358	9500	7.3	35 50.64	+3.9702+.0471	-46 53 20.1	-15.587+.371	10.0	4
9359	9501	2.9	35 56.32	+3.9742+.0473	-47 0 8.0	-15.582+.371	9.9	17
9360	3946	7.2*	35 58.62	+3.4162+.0197	-22 13 57.3	-15.580+.320	9.9	4
9361	4674	7.6	36 2.24	+4.6428+.0951	-61 49 20.1	-15.577+.433	10.2	4
9362	9355	7.7	36 5.94	+3.9412+.0453	-45 54 45.6	-15.573+.368	10.2	4
9363	6119	7.9	36 7.22	+4.2400+.0644	-54 12 50.2	-15.572+.396	10.4	4
9364	2083	7.2	36 12.16	+5.2993+.1575	-69 17 18.0	-15.568+.493	10.4	4
9365	6756	7.5	36 12.49	+4.4045+.0761	-57 42 6.3	-15.567+.411	10.4	4
9366	4257	6.6	36 21.39	+4.6969+.0994	-62 34 57.1	-15.559+.438	10.4	4
9367	9569	6.8	36 21.83	+3.8421+.0397	-42 24 12.1	-15.559+.360	10.3	4
9368	9618	4.1	36 21.88	+3.7170+.0331	-37 24 27.7	-15.559+.348	9.6	8
9369	11245	7.2	36 25.89	+3.5458+.0250	-29 18 44.0	-15.555+.333	10.4	4
9370	11624	6.5	36 28.90	+3.5702+.0261	-30 32 51.4	-15.552+.335	10.2	4
9371	2768[1]	4.9	36 29.75*	+2.8179+.0025	+16 48 13.3	-15.551+.266	9.8	6,8
9372	2768[2]	5.8	36 30.22	+2.8179+.0025	+16 48 11.2	-15.551+.266	9.9	7
9373	10881	8.1	36 35.50	+3.5396+.0248	-28 58 18.9	-15.546+.332	10.4	4
9374	893	3.8	36 38.31*	+7.2819+.4384	-78 39 48.6*	-15.544+.677	9.8	28
9375	9989	7.3	36 39.78	+3.5153+.0237	-27 40 51.7	-15.542+.330	10.2	4
9376	10884	8.2	36 41.55	+3.5296+.0243	-28 25 59.9	-15.540+.332	10.4	4
9377	10306	6.7	36 48.11	+3.6082+.0278	-32 22 56.8	-15.534+.339	10.4	4
9378	2770	4.4	36 51.00*	+2.8601+.0033	+14 6 50.3	-15.532+.270	10.0	8,13
9379	10890	9.2	36 52.73	+3.5309+.0243	-28 28 44.7	-15.530+.332	10.5	2
9380	9366	8.5	36 54.11	+3.9240+.0441	-45 12 48.4	-15.529+.368	10.1	4
9381	6130	7.6	36 59.23	+4.2564+.0651	-54 28 3.8	-15.524+.399	10.1	4
9382	9991	7.8	37 8.94	+3.5112+.0234	-27 24 10.2	-15.515+.331	10.1	5
9383	9355	7.2	37 14.65	+3.9864+.0476	-47 11 12.6	-15.510+.375	9.6	4
9384	9524	8.5	37 30.19	+3.9578+.0459	-46 14 18.9	-15.496+.373	9.6	4
9385	10316	8.3	37 31.51	+3.6110+.0278	-32 25 13.4	-15.494+.341	9.4	1
9386	11869	7.9	37 42.01	+3.4523+.0210	-24 6 26.6	-15.485+.326	9.8	4
9387	11636	8.0	37 57.87	+3.4639+.0214	-24 43 34.8	-15.470+.328	9.8	4
9388	11637	5.8	38 1.21	+3.4620+.0213	-24 36 52.3	-15.467+.328	9.9	6,8
9389	11263	7.9*	38 6.30	+3.5601+.0254	-29 49 26.8	-15.462+.337	10.1	4
9390	4275	5.3	38 8.75	+4.7062+.0988	-62 29 31.2	-15.460+.443	9.9	4
9391	9868	4.1	38 8.92	+3.6635+.0301	-34 47 11.6	-15.460+.346	10.2	17
9392	6772	6.1	38 13.66	+4.4396+.0775	-58 5 41.0	-15.455+.419	9.9	4
9393	3936	4.0	38 18.88	+3.1510+.0104	- 5 16 2.8	-15.450+.299	9.8	10,28
9394	11267	7.2	38 23.35	+3.5567+.0252	-29 36 45.5	-15.446+.337	9.8	4
9395	6150	6.2	38 41.18	+4.3010+.0673	-55 13 13.0	-15.430+.407	9.4	4
9396	6152	7.9	38 48.85	+4.3020+.0673	-55 13 31.5	-15.423+.407	9.4	4
9397	8791	6.4	39 5.47	+4.1258+.0555	-50 56 1.4	-15.407+.391	9.4	4
9398	11880	7.0	39 6.62	+3.4487+.0207	-23 44 52.0	-15.406+.328	9.6	4
9399	415	7.8	39 11.88	+15.638+.3096	-86 6 19.0	-15.401+1.47	9.4	4
9400	9884	9.0	39 19.88	+3.6644+.0300	-34 39 34.0	-15.394+.349	9.4	1

9351 S.P. 13ˢ44, 3″2, 10.6, 4.

9354 29ˢ58 included.

9374 S.P. 38ˢ30, 48″4, 9.9, 25.

9371 (29ˢ85). 9378 (51ˢ16).

No.	Name	Mag.	R. A. 1910	Prec. and Sec. Var.	Decl. 1910	Prec. and Sec. Var.	Epoch.	No. Obs.
		M	h m s	s s.	° ′ ″	″ ″		
9401	10342	9.2	14 39 25.38	+3.6202+.0279	−32 36 2.0	−15.388+.345	9.6	4
9402	9888	5.0	39 27.71	+3.6681+.0301	−34 48 40.1	−15.386+.349	9.7	4
9403	9393	9.7	39 31.01	+3.9379+.0441	−45 17 5.2	−15.383+.375	9.6	4
9404	9556	9.0	39 47.00	+3.9743+.0461	−46 25 22.4	−15.368+.378	10.0	3
9405	9765	7.3	39 47.26	+3.6906+.0311	−35 46 1.9	−15.368+.352	9.7	5
9406	9398	8.7*	39 50.13	+3.9459+.0444	−45 29 59.0	−15.365+.376	9.9	4
9407	2865	7.4	39 55.09	+4.9831+.1217	−65 48 0.5	−15.361+.473	10.1	4
9408	2652	7.2	40 2.00	+5.2142+.1438	−68 8 27.8	−15.354+.495	10.1	4
9409	6423	8.1	40 2.57	+4.3883+.0727	−56 51 21.4	−15.354+.418	10.1	5
9410	9590	6.9	40 3.53	+3.9166+.0427	−44 29 13.8	−15.353+.374	10.0	4
9411	2178	8.5	40 10.53	+5.2171+.1440	−68 9 9.7	−15.346+.496	10.3	1
9412	2868	7.4	40 13.11	+4.9999+.1229	−65 57 11.9	−15.344+.476	10.2	4
9413	6099	8.4	40 21.87	+4.2349+.0620	−53 28 58.5	−15.336+.404	10.1	4
9414	1807	7.5	40 23.71	+5.4662+.1697	−70 13 16.8	−15.334+.520	10.2	4
9415	9562	5.9	40 27.54	+3.9979+.0472	−47 3 42.0	−15.330+.382	9.9	6
9416	2874	7.7	40 36.81	+5.0136+.1238	−66 3 40.1	−15.322+.478	10.1	4
9417	6103	7.3	40 41.39	+4.2332+.0617	−53 23 44.2	−15.317+.405	10.1	4
9418	8457	5.2	40 43.18	+4.1762+.0580	−52 0 10.9	−15.316+.399	9.5	9
9419	11661[1]	5.0	40 47.32	+3.4759+.0216	−25 3 41.2	−15.312+.334	10.1	4
9420	11661[2]	7.5	40 47.78	+3.4759+.0216	−25 3 47.4	−15.311+.334	10.1	4
9421	2879	7.8	40 53.51	+5.0244+.1245	−66 8 55.1	−15.306+.480	10.0	4
9422	8461	6.3	40 54.80	+4.1704+.0575	−51 49 37.0	−15.305+.399	10.1	4
9423	3844	5.9	40 56.61	+3.4349+.0200	−22 46 21.7	−15.303+.330	10.2	4
9424	2417	2.7	41 3.42	+2.6238+.0001	+27 27 11.7	−15.297+.254	9.9	21,30
9425	2645	6.0	41 6.50	+5.0329+.1251	−66 12 58.6	−15.294+.481	9.9	4
9426	894	6.5	41 8.38	+6.7569+.3368	−76 48 3.0	−15.292+.643	10.4	4
9427	10362	8.9	41 24.70*	+3.6271+.0279	−32 39 15.0	−15.276+.349	10.1	4
9428	9686	6.0	41 26.10	+3.7465+.0335	−37 54 39.0	−15.275+.360	10.1	4
9429	2185	6.6	41 36.13	+5.2781+.1484	−68 33 35.0	−15.266+.505	10.2	4
9430	9326	6.3	41 40.77	+3.8856+.0406	−43 10 45.6	−15.261+.374	9.9	4
9431	2648	7.5	41 41.12	+5.0993+.1307	−66 51 6.5	−15.261+.488	10.1	4
9432	2862	3.8	41 41.85	+3.0381+.0074	+ 2 16 17.8	−15.260+.294	9.8	21
9433	1246	6.8	42 0.45	+6.2148+.2573	−74 33 31.4	−15.243+.595	10.1	4
9434	9222	6.9	42 4.61	+3.7895+.0355	−39 32 57.3	−15.239+.365	9.8	4
9435	10534	5.7	42 8.26	+3.4821+.0217	−25 14 48.8	−15.235+.336	10.4	4
9436	1823	8.4	42 11.99	+5.4805+.1687	−70 9 36.1	−15.232+.526	10.4	4
9437	1824	8.9	42 13.76	+5.4813+.1687	−70 9 48.5	−15.230+.526	10.4	1
9438	6792	7.1	42 14.99	+4.4495+.0759	−57 44 37.3	−15.229+.428	10.2	4
9439	5719	6.8	42 24.70	+4.5218+.0811	−59 1 53.5	−15.220+.436	9.9	4
9440	10051	7.6	42 25.76	+3.5219+.0232	−27 19 17.7	−15.219+.341	10.2	4
9441	10537	5.4	42 29.33	+3.4915+.0220	−25 42 38.5	−15.215+.338	10.4	4
9442	6441	6.3	42 31.42	+4.3769+.0705	−56 17 20.6	−15.213+.422	10.2	4
9443	10519	5.8	42 41.41	+3.5024+.0224	−26 16 10.7	−15.204+.339	10.2	4
9444	5724	8.5	42 44.04	+4.5085+.0799	−58 45 19.2	−15.201+.435	10.1	4
9445	4725	7.4	42 53.31	+4.7092+.0953	−61 57 21.0	−15.192+.454	9.9	4
9446	2895	8.0	42 57.35	+5.0209+.1221	−65 53 5.0	−15.189+.484	9.9	4
9447	9810	6.8*	42 58.75	+3.6939+.0307	−35 27 56.5	−15.187+.358	10.2	4
9448	2896	8.5	43 1.42	+5.0424+.1240	−66 6 42.2	−15.185+.486	10.2	4
9449	9645	6.1	43 2.71	+3.7125+.0315	−36 15 28.8	−15.184+.360	10.2	4
9450	235	6.5	43 9.96*	+25.640+9.167	−87 47 4.1*	−15.177+2.45	9.7	26,37

9450 S.P. $9^s.47$, $4''.1$, 10.1, 15, 36.

9427 $24^s.85$, $24^s.73$, $24^s.65$, $24^s.57$.

9450 $13^s.26$ included.

No.	Name	Mag.	R. A. 1910	Prec. and Sec. Var.	Decl. 1910	Prec. and Sec. Var.	Epoch.	No. Obs.
		M	h m s	s s	° ′ ″	″ ″		
9451	2653	8.8	14 43 13.63	+5.0478+.1243	−66 8 54.5	−15.173+.487	10.3	1
9452	11680	7.0*	43 15.61	+3.4820+.0215	−25 6 56.9	−15.171+.338	9.9	4
9453	7544	7.2	43 26.21	+4.2066+.0587	−52 22 11.9	−15.161+.408	9.9	4
9454	9820	7.7	43 28.31	+3.6888+.0303	−35 10 28.0	−15.159+.358	9.6	4
9455	9374	7.6	43 39.63	+4.0536+.0493	−48 15 40.0	−15.148+.394	9.5	4
9456	11915	5.8	44 6.47	+3.4608+.0206	−23 52 37.9	−15.123+.338	9.8	2
9457	1604	5.6	44 12.38	+5.9112+.2145	−72 49 10.1	−15.117+.572	10.1	4
9458	6179	7.0	44 13.40	+4.3093+.0651	−54 38 9.9	−15.116+.419	10.1	4
9459	917	7.5	44 16.36	+7.3928+.4288	−78 30 46.5*	−15.113+.715	10.1	4
9460	9194	8.0	44 20.74	+3.8488+.0379	−41 28 22.2	−15.109+.375	10.1	4
9461	10407	8.7	44 20.91	+3.6345+.0277	−32 36 44.6	−15.109+.355	10.1	4
9462	11497	7.0	44 21.71	+3.6225+.0272	−32 3 8.4	−15.108+.354	10.2	4
9463	7558	6.8	44 26.97	+4.2384+.0603	−52 59 40.6	−15.103+.413	10.2	4
9464	5731	7.2	44 29.40	+4.5428+.0813	−59 7 49.6	−15.101+.442	10.0	4
9465	5530	7.2	44 30.69	+4.6300+.0879	−60 33 40.0	−15.100+.450	10.2	4
9466	10979	7.3	44 37.10	+3.5532+.0242	−28 39 41.0	−15.093+.347	9.9	4
9467	10073	4.6	44 59.98	+3.5329+.0234	−27 35 9.4	−15.071+.346	9.9	7
9468	9722	6.9*	45 8.13	+3.8791+.0392	−42 26 58.4	−15.064+.380	9.9	4
9469	11511	7.3	45 11.28	+3.6256+.0272	−32 5 24.3	−15.060+.355	9.8	4
9470	3436	5.8	45 15.70	+4.8374+.1040	−63 26 18.8	−15.056+.472	10.0	4
9471	10077	7.7	45 34.66	+3.5414+.0236	−27 57 6.6	−15.038+.348	10.4	4
9472	2990	9.3	45 40.39	+3.1014+.0090	− 1 52 22.6	−15.032+.306	10.4	1
9473	3965	5.3	45 42.35	+3.3198+.0155	−15 37 25.1	−15.031+.327	9.8	10
9474	9391	4.5	45 45.54	+3.9032+.0404	−43 12 12.2	−15.028+.383	9.7	9
9475	3966	2.9	45 53.84	+3.3208+.0155	−15 40 6.0	−15.020+.327	10.0	44,62
9476	629	5.6	45 54.71	+10.144+1.007	−82 51 53.8	−15.019+.986	9.4	4
9477	2208	8.0	45 55.08	+5.3789+.1531	−69 0 11.9	−15.018+.526	10.4	4
9478	5541	7.1	46 1.51	+4.6362+.0873	−60 28 26.2	−15.012+.454	10.1	4
9479	9667	7.4	46 18.73	+3.9457+.0424	−44 33 18.6	−14.995+.388	9.6	4
9480	9639	6.9*	46 21.65	+4.0037+.0456	−46 23 21.8	−14.993+.394	9.7	4
9481	2914	6.9	46 33.64	+5.0713+.1231	−66 2 47.5	−14.981+.498	9.9	4
9482	11940	7.9	46 33.84	+3.4664+.0206	−23 55 21.8	−14.981+.342	9.6	4
9483	2146	6.6	46 37.41	+5.4473+.1592	−69 29 32.2	−14.977+.534	9.9	4
9484	1616	7.9	46 44.38	+5.9433+.2137	−72 47 53.0	−14.971+.583	10.1	4
9485	10425	8.8	46 54.98	+3.6394+.0275	−32 30 23.1	−14.960+.360	9.9	4
9486	9649	8.3	47 3.30	+4.0028+.0453	−46 15 48.5	−14.952+.395	9.9	4
9487	2918	6.2	47 4.40	+5.0370+.1195	−65 37 21.1	−14.951+.496	10.4	4
9488	11780	6.4	47 11.10	+3.5910+.0254	−30 12 23.7	−14.945+.355	10.2	4
9489	9760	5.1	47 11.95	+3.7544+.0326	−37 25 59.8	−14.944+.371	9.8	8
9490	10135	8.1	47 20.89	+3.6571+.0282	−33 15 28.6	−14.935+.362	10.2	4
9491	9492	7.0	47 22.19	+3.9793+.0439	−45 29 12.0	−14.934+.393	10.4	4
9492	11946	7.6	47 25.36	+3.4648+.0204	−23 44 52.6	−14.931+.343	10.3	4
9493	9766	6.6*	47 26.42	+3.7664+.0332	−37 53 14.9	−14.930+.373	9.8	4
9494	924	Var.	47 35.86*	+6.7327+.3151	−76 17 48.5*	−14.921+.662	9.8	10
9495	5558	7.5	47 53.48	+4.6657+.0883	−60 42 29.7	−14.903+.461	9.7	4
9496	9685	9.1	47 53.64	+3.9645+.0430	−44 56 34.5	−14.903+.393	9.9	4
9497	4760	7.3	47 57.65	+4.7196+.0923	−61 30 20.3	−14.899+.466	10.0	4
9498	9687	8.6	47 59.40	+3.9531+.0423	−44 33 43.0	−14.898+.392	9.8	4
9499	9315	7.1*	48 2.67	+3.8067+.0349	−39 22 45.7	−14.894+.378	9.8	5
9500	10146	7.7	48 16.67	+3.6612+.0282	−33 19 26.3	−14.881+.364	9.6	4

9494 S.P. $35^s.92$, $48''.4$, 10.5, 6.

9459 $46''.7$, $47''.4$, $47''.2$, $44''.7$.

No.	Name	Mag.	R. A. 1910	Prec. and Sec. Var.	Decl. 1910	Prec. and Sec. Var.	Epoch.	No. Obs.
		M	h m s	s s	° ′ ″	″ ″		
9501	10148	7.7	14 48 22.65	+3.6604+.0282	−33 16 26.6	−14.875+.364	9.6	4
9502	10103	7.5	48 26.29	+3.5498+.0236	−28 2 15.8	−14.871+.353	9.6	4
9503	5753	5.2	48 37.72	+4.8102+.0836	−59 44 41.3	−14.860+.457	9.6	4
9504	11955	7.2	48 40.98	+3.4646+.0203	−23 36 24.5	−14.857+.345	10.1	4
9505	9449	8.0	48 48.06	+4.0811+.0491	−48 19 47.0	−14.850+.406	9.6	4
9506	9753	7.8	48 49.46	+3.7990+.0344	−38 58 43.4	−14.849+.378	9.6	4
9507	10153	7.1	48 53.69	+3.6732+.0286	−33 46 30.1	−14.845+.366	10.0	4
9508	9754	8.3	48 54.15	+3.7983+.0343	−38 56 30.8	−14.844+.378	9.6	4
9509	5563	6.8	48 55.25	+4.6627+.0873	−60 32 23.5	−14.843+.463	10.1	4
9510	10111	6.6	49 0.56	+3.5499+.0235	−27 58 52.2	−14.838+.354	9.9	4
9511	636	5.6	49 1.06*	+10.067+.9605	−82 40 42.9*	−14.837+.993	9.9	10
9512	11735	5.4	49 6.29	+3.4780+.0208	−24 16 28.5	−14.832+.347	10.0	9
9513	9082	7.0	49 7.51	+3.8540+.0370	−40 59 45.5	−14.831+.384	9.9	4
9514	10457	5.9	49 7.85	+3.6549+.0278	−32 56 1.6	−14.831+.365	9.9	4
9515	9890	7.2	49 17.84	+3.7278+.0310	−36 3 48.4	−14.821+.372	9.9	4
9516	4768	6.7	49 25.59	+4.7659+.0948	−61 59 57.4	−14.813+.474	10.2	4
9517	4337	5.4	49 28.44	+4.7964+.0972	−62 24 57.4	−14.810+.478	9.9	4
9518	931	6.0	49 35.66	+6.9138+.3357	−76 47 52.8	−14.803+.686	9.7	4
9519	9709	7.9	49 50.82	+3.9539+.0418	−44 19 53.8	−14.788+.396	9.4	4
9520	7634	5.6	49 52.38	+4.2461+.0584	−52 26 40.8	−14.787+.424	9.6	4
9521	10610	8.4*	50 11.00	+3.4987+.0214	−25 14 59.8	−14.769+.351	9.6	4
9522	1281	6.3	50 12.13	+6.3692+.2594	−74 40 12.4	−14.768+.634	9.8	4
9523	10169	5.3	50 13.03	+3.6705+.0283	−33 29 26.7	−14.767+.368	9.5	8
9524	9721	8.7	50 23.53	+3.9705+.0425	−44 47 29.1	−14.756+.398	10.0	4
9525	9722	8.4	50 23.54	+3.9626+.0421	−44 32 14.6	−14.756+.397	9.9	4
9526	9543[1]	7.3	50 24.53	+4.0602+.0473	−47 30 51.1	−14.755+.407	10.2	3,4
9527	9543[2]	6.1	50 24.87	+4.0603+.0473	−47 30 51.6	−14.755+.407	10.0	4
9528	9723	7.0	50 26.72	+3.9567+.0418	−44 20 23.3	−14.753+.397	9.4	4
9529	6256	7.6	50 27.98	+4.3915+.0673	−55 32 52.5	−14.752+.440	10.1	4
9530	9364	7.2	50 41.27	+3.8130+.0346	−39 15 49.2	−14.739+.383	9.6	4
9531	8939	6.5	50 42.34	+4.1945+.0549	−51 4 58.6	−14.738+.421	10.1	7
9532	9785	6.4	50 51.85	+3.8080+.0344	−39 3 5.9	−14.728+.383	10.1	4
9533	10047	7.4	50 58.00	+3.6905+.0290	−34 16 1.8	−14.722+.372	10.2	4
9534	10480	6.2	51 1.68	+3.6454+.0271	−32 16 19.6	−14.718+.367	10.1	4
9535	2931	8.4	51 2.84	+5.1058+.1216	−65 57 4.9	−14.717+.512	10.1	4
9536	5574	9.0	51 5.30	+4.7012+.0887	−60 52 18.7	−14.715+.472	10.2	4
9537	3053	8.1	51 11.83	+4.9883+.1114	−64 38 27.8	−14.708+.500	10.4	4
9538	9312	7.2	51 22.07	+3.8843+.0379	−41 46 26.0	−14.698+.391	9.9	4
9539	490	5.9	51 25.24*	+12.402+1.593	−84 26 6.4*	−14.695+1.24	9.6	8
9540	9317	8.5	51 35.34	+3.8890+.0381	−41 54 37.2	−14.685+.392	9.8	4
9541	10619	6.8	51 40.29*	+3.5148+.0218	−25 55 17.1	−14.680+.355	9.7	3,4
9542	10490	7.2	51 50.22	+3.6521+.0272	−32 28 14.5	−14.670+.369	9.8	4
9543	11055	6.2	51 51.21	+3.5731+.0240	−28 47 39.4	−14.669+.361	10.3	4
9544	3989	5.6	51 52.92	+3.2504+.0130	−11 2 49.1	−14.668+.329	9.7	8,11
9545	9494	6.5	51 57.65	+4.1022+.0491	−48 29 34.1	−14.663+.414	10.4	5
9546	10063	7.1*	51 58.16	+3.7111+.0297	−35 1 16.9	−14.662+.375	10.2	4
9547	2796	5.8	51 58.30	+2.8316+.0036	+14 48 34.2	−14.662+.288	9.6	8
9548	573	8.0	52 1.29	+11.143+1.214	−83 33 20.8	−14.660+1.11	9.5	4
9549	10492	7.7	52 11.00	+3.6530+.0272	−32 28 6.4	−14.650+.370	9.8	4
9550	4123	7.6	52 11.22	+3.4228+.0185	−21 0 28.4	−14.650+.347	9.9	4

9511S.P. 1ˢ.00, 42″.5, 10.1, 7, 6.

9539S.P. 25ˢ.09, 6″.7, 10.6, 5.

9541 (40ˢ.50).

No.	Name	Mag.	R. A. 1910	Prec. and Sec. Var.	Decl. 1910	Prec. and Sec. Var.	Epoch.	No. Obs.
		M	h m s	s s	° ′ ″	″ ″		
9551	4125	6.1	14 52 12.42	+3.4229+.0185	−21 0 36.0	−14.648+.347	10.0	8
9552	4000	8.0	52 15.58	+3.4373+.0190	−21 47 20.2	−14.645+.348	10.1	4
9553	11772	7.2	52 15.86	+3.4996+.0212	−25 4 46.1	−14.645+.355	10.1	4
9554	9742	8.2	52 22.56	+3.9777+.0423	−44 45 9.9	−14.638+.402	10.1	4
9555	9703	7.3	52 24.61	+4.0543+.0463	−47 4 26.9	−14.636+.410	9.5	4
9556	9704	8.9	52 25.51	+4.0546+.0464	−47 4 51.3	−14.635+.410	9.7	4
9557	9853	2.8	52 37.92	+3.9182+.0392	−42 46 18.7	−14.623+.397	9.9	22
9558	1891	6.8	52 38.13	+5.7472+.1819	−71 7 53.2	−14.623+.579	10.3	4
9559	9786	7.3	52 44.47	+3.7617+.0318	−37 0 2.9	−14.616+.382	10.0	4
9560	9402	6.3	52 51.14	+3.8280+.0348	−39 32 39.0	−14.610+.388	9.6	4
9561	9559	8.3	52 54.06	+4.0098+.0438	−45 40 57.7	−14.607+.407	10.2	4
9562	8972	9.4*	52 56.83	+4.1713+.0527	−50 11 59.9*	−14.604+.423	10.1	4,3
9563	8631	6.9	52 58.01	+4.2119+.0551	−51 12 56.1	−14.603+.427	10.4	4
9564	9516	7.2	52 59.17	+4.1061+.0490	−48 27 51.2	−14.602+.416	10.2	4
9565	2719	7.3	53 12.82	+5.2990+.1367	−67 37 28.0	−14.588+.536	10.4	4
9566	9758	9.3	53 17.51	+3.9921+.0428	−45 4 58.2	−14.583+.406	10.2	4
9567	9342	3.4	53 18.12*	+3.8908+.0377	−41 44 36.8	−14.583+.395	9.6	8,9
9568	10148	5.7	53 19.44	+3.5458+.0228	−27 17 47.7	−14.582+.361	10.2	4
9569	9156	8.0	53 20.47	+3.8620+.0363	−40 43 27.2	−14.580+.393	10.1	4
9570	9867	7.1	53 24.31	+3.9314+.0397	−43 6 41.6	−14.577+.400	10.1	4
9571	3066	6.8	53 30.54	+4.9725+.1080	−64 12 57.3	−14.570+.504	10.4	4
9572	9871	6.2	53 32.61	+3.9226+.0392	−42 47 59.4*	−14.568+.399	9.9	4
9573	9836	6.5	53 32.73	+3.7774+.0324	−37 31 15.3	−14.568+.384	9.7	4
9574	5773	7.5	53 44.58	+4.6294+.0817	−59 27 7.6	−14.556+.470	10.2	7
9575	9566	7.4	53 46.43	+4.0175+.0440	−45 48 1.1	−14.554+.409	9.4	4
9576	9514	6.7	53 50.07	+3.9433+.0402	−43 26 55.8	−14.551+.402	9.6	4
9577	9567	7.2	53 51.13	+4.0208+.0441	−45 53 17.7	−14.550+.409	9.7	4
9578	11870	7.0	54 3.21	+3.6113+.0252	−30 21 5.2	−14.538+.369	9.6	4
9579	9423	7.4	54 18.49	+3.8303+.0346	−39 26 20.6	−14.522+.391	9.4	4
9580	1904	7.6	54 35.62	+5.6674+.1707	−70 25 51.1	−14.505+.576	9.4	4
9581	9583	8.8	54 50.15	+4.0181+.0436	−45 40 42.1	−14.490+.411	9.4	4
9582	6296	6.9	54 56.26	+4.4372+.0680	−55 54 10.8	−14.484+.453	9.4	4
9583	8668	9.0	55 16.52	+4.2383+.0556	−51 33 36.6	−14.464+.434	9.4	4
9584	10230	7.5	55 30.51	+3.6852+.0280	−33 28 54.7	−14.450+.378	9.6	4
9585	9863	6.0	55 30.56	+3.7884+.0324	−37 42 2.4	−14.450+.389	9.5	8
9586	8673	7.1	55 33.41	+4.2398+.0556	−51 33 41.0	−14.447+.435	9.4	4
9587	795	6.9*	55 40.30	+8.3096+.5419	−79 57 45.2	−14.440+.846	9.6	4
9588	3938	Var.	56 9.71	+3.2058+.0116	− 8 9 44.4*	−14.410+.331	9.9	11,33
9589	1718	7.4	56 11.86	+5.9046+.1931	−71 50 8.8	−14.408+.605	9.5	4
9590	10244	6.3*	56 24.09	+3.6999+.0285	−34 0 9.6	−14.395+.382	9.4	4
9591	9559	9.6	56 31.90	+4.1126+.0481	−48 10 53.9	−14.388+.424	9.4	4
9592	10183	5.9	56 44.35	+3.5616+.0230	−27 42 16.3	−14.375+.368	9.8	9
9593	9634	6.7	56 47.26	+4.0923+.0469	−47 35 13.6	−14.372+.422	9.4	4
9594	3493	5.2	57 16.09	+4.9599+.1038	−63 40 43.7	−14.342+.511	10.0	8
9595	1722	7.2	57 22.65	+5.9166+.1925	−71 49 5.1	−14.336+.609	9.7	4
9596	1920	7.9	57 26.17	+5.7526+.1753	−70 46 48.1	−14.332+.592	9.4	4
9597	4378	7.2	57 27.71	+4.9043+.0993	−62 58 22.3	−14.331+.506	9.6	4
9598	10560	5.4	57 28.60	+3.6630+.0268	−32 17 19.8	−14.330+.380	9.5	4
9599	6567	7.5	57 36.90	+4.4887+.0698	−56 33 50.6	−14.321+.464	9.7	4
9600	6900	7.2	57 39.04	+4.5319+.0726	−57 20 43.9	−14.319+.468	9.9	4

9562 (63″.2). 9567 (17ˢ.84). 9572 59″.7, 60″.0, 57″.7, 60″.2. 9588 (46″.6).

No.	Name	Mag.	R. A. 1910	Prec. and Sec. Var.	Decl. 1910	Prec. and Sec. Var.	Epoch.	No. Obs.
		M	h m s	s s	° ′ ″	″ ″		
9601	10141	8.8	14 57 45.44	+3.7122+.0287	−34 21 27.2	−14.313+.385	9.9	4
9602	9816	9.1	57 48.74	+3.9947+.0416	−44 34 34.1	−14.309+.414	10.1	4
9603	9996	6.8*	57 56.58	+3.7427+.0300	−35 35 23.3	−14.301+.388	10.3	4
9604	798	7.4	57 57.64	+8.0122+.4799	−79 15 52.6	−14.300+.825	10.0	4
9605	1729	6.5	58 10.95	+5.8832+.1877	−71 33 16.3	−14.287+.608	9.6	4
9606	10194[1]	8.9	58 12.97	+3.5603+.0227	−27 29 10.8	−14.285+.370	9.4	4
9607	10194[2]	8.6	58 13.32	+3.5603+.0227	−27 29 4.5	−14.284+.370	9.4	4
9608	2840	3.6	58 33.36*	+2.2636+.0000	+40 44 42.4	−14.264+.238	10.2	28,29
9609	9597	8.0	58 37.62	+3.9652+.0399	−43 32 36.7	−14.259+.412	9.8	4
9610	10196	7.7	58 39.92	+3.5659+.0229	−27 42 33.1	−14.257+.372	10.1	4
9611	3502	8.7	58 41.60	+4.9278+.1001	−63 8 25.5	−14.255+.511	9.7	4
9612	10007	7.9	58 47.27	+3.7538+.0303	−35 55 57.4	−14.249+.391	9.7	4
9613	11834	3.4	58 47.95	+3.5094+.0208	−24 55 43.6	−14.249+.366	9.8	15,17
9614	9243	6.4	58 52.68	+3.8759+.0356	−40 30 31.7	−14.244+.404	9.8	4
9615	9773	4.0	58 59.08*	+4.0708+.0451	−46 41 57.8*	−14.237+.424	10.0	15
9616	9629	9.1	58 59.27	+4.0211+.0425	−45 14 6.9	−14.237+.419	9.9	4
9617	10200	7.2	59 10.31	+3.5720+.0230	−27 56 50.5	−14.226+.373	10.1	4
9618	9840	8.6	59 12.21	+4.0002+.0414	−44 34 10.2	−14.224+.417	10.1	4
9619	9631	8.7	59 13.27	+4.0224+.0425	−45 14 45.6	−14.223+.419	9.9	4
9620	9842	8.9	59 26.09	+4.0162+.0422	−45 1 54.7	−14.210+.419	9.9	4
9621	9257	5.3	59 27.93	+3.8839+.0358	−40 42 59.6	−14.208+.406	9.5	8
9622	9606	6.7	59 47.74	+4.1409+.0484	−48 31 59.8	−14.187+.432	10.1	4
9623	11523	7.2	59 52.46	+3.6099+.0244	−29 38 22.2	−14.182+.378	10.4	4
9624	9607	8.5	59 55.35	+4.1561+.0492	−48 55 6.9	−14.179+.434	9.7	4
9625	1738	6.8	59 55.41	+5.9730+.1944	−71 57 35.3	−14.179+.622	9.7	4
9626	9846	8.5	59 57.11	+4.0059+.0415	−44 39 12.9	−14.178+.419	10.0	4
9627	1318	6.9	15 0 1.99	+6.6282+.2701	−75 6 53.9	−14.173+.689	10.1	4
9628	11949	6.6*	0 6.70	+3.6228+.0248	−30 12 10.9	−14.168+.380	9.8	4
9629	1940	7.0	0 7.40	+5.7222+.1684	−70 21 44.3	−14.167+.596	9.9	4
9630	3095	7.0	0 13.58	+5.0943+.1119	−64 55 38.1	−14.161+.532	9.9	4
9631	6582	7.4	0 23.53	+4.5352+.0713	−57 5 26.4	−14.150+.474	10.1	4
9632	8745	6.6	0 29.32	+4.2708+.0553	−51 40 51.6	−14.144+.447	10.1	4
9633	10710	6.6	0 29.75	+3.5230+.0211	−25 26 23.0	−14.144+.370	10.3	4
9634	10035	6.4	0 34.50	+3.7587+.0301	−35 54 55.1	−14.139+.394	10.2	4
9635	2447	4.7	0 35.36	+2.5836+.0012	+27 17 53.0*	−14.138+.273	9.5	7,10
9636	5637	6.7	0 43.42	+4.7674+.0868	−60 46 51.1	−14.130+.499	10.1	4
9637	3100	8.6	0 49.17	+5.0424+.1072	−64 17 31.4	−14.124+.528	10.2	4
9638	9858	8.9	0 50.64	+4.0232+.0421	−45 4 2.1	−14.122+.422	10.2	4
9639	12059	6.9	0 55.59	+3.4906+.0200	−23 46 50.3	−14.117+.367	10.1	4
9640	3901	7.1	0 58.14	+3.4748+.0194	−22 58 25.8	−14.115+.366	9.9	4
9641	9703	9.1	1 2.40	+4.1135+.0466	−47 38 19.0	−14.110+.432	9.7	4
9642	11960	6.0	1 5.31	+3.6333+.0251	−30 34 9.8	−14.107+.382	9.7	4
9643	9630	5.8	1 9.74	+4.1552+.0487	−48 44 28.0	−14.103+.436	9.6	4
9644	4030	6.1	1 15.38	+3.4503+.0186	−21 40 56.3	−14.097+.364	10.4	4
9645	11717	8.4	1 16.43	+3.6687+.0264	−32 6 10.5	−14.096+.386	10.1	4
9646	2307	7.0	1 18.85	+5.4698+.1429	−68 22 29.0	−14.093+.573	9.9	4
9647	9948	7.2	1 22.38	+3.8045+.0319	−37 35 51.3	−14.090+.400	10.1	4
9648	4837	7.1	1 28.79	+4.8088+.0892	−61 17 14.1	−14.083+.505	10.1	4
9649	2725	5.8	1 29.01	+5.2850+.1265	−66 44 17.8	−14.083+.554	10.1	6
9650	1750	7.2	1 34.92	+5.8865+.1828	−71 19 6.8	−14.076+.617	10.2	4

9608 ($33^s.04$). 9635 $51''.2$ included.
9615 Mean.

No.	Name	Mag.	R. A. 1910	Prec. and Sec. Var.	Decl. 1910	Prec. and Sec. Var.	Epoch.	No. Obs.
		M	h m s	s s	° ′ ″	″ ″		
9651	4026	5.3	15 1 36.21	+3.3437+.0153	−15 54 30.6	−14.075+.353	10.5	1
9652	9710	8.8	1 36.51	+4.1053+.0460	−47 20 30.6	−14.075+.432	9.9	4
9653	10600	7.3	1 41.32	+3.6804+.0268	−32 33 45.0	−14.070+.388	10.2	4
9654	4838	7.2	1 45.01	+4.8292+.0905	−61 32 29.3	−14.066+.508	10.4	4
9655	5825	6.9*	1 52.72	+4.6454+.0777	−58 47 45.3	−14.058+.489	10.3	4
9656	9664	7.4	1 53.98	+4.0330+.0423	−45 13 47.4	−14.057+.425	10.1	4
9657	3518	6.4	1 54.48	+4.9667+.1005	−63 17 48.7	−14.056+.522	10.2	6
9658	12067	7.4	2 1.20	+3.4939+.0200	−23 50 49.1	−14.049+.369	10.0	4
9659	9641	7.5	2 2.09	+3.9729+.0393	−43 21 54.5	−14.048+.419	10.1	4
9660	9305	6.0	2 21.66	+3.8803+.0350	−40 14 13.3	−14.028+.410	9.6	4
9661	6596	8.1	2 33.12	+4.5282+.0697	−56 43 17.0	−14.016+.478	9.4	4
9662	10050	6.0	2 42.33	+3.9493+.0380	−42 31 18.6	−14.006+.418	9.4	4
9663	9889	4.4	2 46.58	+4.0267+.0417	−44 56 2.8	−14.002+.426	9.5	4
9664	10053	8.6	2 50.78	+3.9492+.0380	−42 30 5.5	−13.997+.418	9.4	4
9665	9969	7.7	2 58.35	+3.8002+.0314	−37 14 36.5	−13.990+.403	9.4	4
9666	10722	8.3	3 2.48	+3.5472+.0217	−26 22 11.2	−13.985+.376	9.6	4
9667	4844	8.2	3 8.59	+4.8625+.0918	−61 50 55.2	−13.979+.514	9.9	4
9668	9996	7.2*	3 16.87	+3.8264+.0324	−38 11 20.2	−13.970+.406	9.8	4
9669	1714	6.1	3 16.99	+6.0990+.2022	−72 25 41.2	−13.970+.644	9.7	5
9670	965	6.6	3 18.24	+7.9116+.4422	−78 47 45.6	−13.969+.833	9.8	4
9671	10067	7.0	3 19.20	+3.7712+.0301	−36 5 15.8	−13.968+.400	10.0	4
9672	2780	7.5	3 29.88	+5.3734+.1319	−67 22 1.7	−13.957+.568	9.8	4
9673	5656	6.4	3 30.63	+4.8088+.0878	−61 4 43.8	−13.956+.509	9.6	4
9674	6604	7.8	3 37.28	+4.5386+.0698	−56 47 17.6	−13.949+.481	9.7	4
9675	10730	7.0	3 37.70	+3.5438+.0215	−26 9 9.9	−13.948+.377	9.9	4
9676	10076	7.0	4 1.67	+3.7589+.0295	−35 31 20.7	−13.923+.400	9.4	4
9677	11748	8.7	4 14.87	+3.6693+.0259	−31 48 18.3	−13.910+.391	9.6	4
9678	10020	6.0	4 20.80	+3.8369+.0326	−38 26 56.2	−13.903+.409	9.4	4
9679	9563	8.7	4 27.65	+3.9143+.0360	−41 9 4.2	−13.896+.417	9.7	4
9680	6367	5.6	4 32.96	+4.4488+.0638	−55 0 13.5	−13.891+.474	9.7	4
9681	12101	6.8	4 36.10	+3.4944+.0197	−23 38 32.6	−13.887+.373	10.1	4
9682	3115	7.8	4 38.85	+5.0665+.1058	−64 11 58.6	−13.884+.539	10.1	4
9683	9677	7.3	4 41.32	+3.9838+.0391	−43 23 5.9	−13.882+.425	9.8	4
9684	9678	7.8	4 42.94	+3.9834+.0391	−43 22 19.0	−13.880+.425	9.8	4
9685	10758	5.9	4 59.04	+3.5431+.0213	−25 59 24.4	−13.863+.379	9.9	4
9686	4411	6.9	5 1.28	+4.9424+.0962	−62 41 32.1	−13.861+.526	9.7	4
9687	9151	8.0	5 11.05	+4.2538+.0525	−50 43 16.6	−13.850+.454	9.7	4
9688	994	7.3	5 16.34	+7.2643+.3401	−77 1 0.0	−13.845+.772	9.6	4
9689	9921	7.1	5 26.53	+4.0375+.0414	−44 56 13.2	−13.834+.432	9.9	4
9690	1977	7.8*	5 27.26	+5.7620+.1648	−70 13 13.3	−13.833+.614	10.2	4
9691	9922	6.4	5 29.78	+4.0378+.0414	−44 56 12.6	−13.831+.432	9.9	4
9692	2267	5.7	5 40.03*	+5.6952+.1582	−69 44 26.3*	−13.820+.607	9.8	13
9693	9704	4.2	5 40.33	+4.1627+.0465	−48 23 45.9	−13.820+.445	9.5	9
9694	4856	6.1	5 41.04	+4.8485+.0890	−61 24 14.4	−13.819+.518	9.9	4
9695	8827	7.1	5 41.47	+4.3012+.0548	−51 45 51.6*	−13.818+.460	9.4	4
9696	9705	5.9	5 41.90	+4.1631+.0475	−48 24 7.8	−13.818+.446	9.4	4
9697	8830	3.5	5 48.77	+4.3016+.0548	−51 45 26.3	−13.811+.460	10.0	22
9698	4048	8.3	5 52.97	+3.4588+.0184	−21 44 8.6	−13.806+.371	9.9	4
9699	9928	8.0	5 59.75	+4.0309+.0409	−44 40 19.4	−13.799+.432	10.1	4
9700	11773	9.7	6 0.84	+3.6732+.0258	−31 46 57.3	−13.798+.394	10.1	3

9692 S.P. $40^s.04$, $27''.0$, 10.6, 9. 9695 $51''.0$, $52''.0$, $53''.4$, $50''.0$

No.	Name	Mag.	R. A. 1910	Prec. and Sec. Var.	Decl. 1910	Prec. and Sec. Var.	Epoch.	No. Obs.
		M	h m s	s s	° ′ ″	″ ″		
9701	11774	9.2	15 6 1.41	+3.6734+.0258	−31 47 26.6	−13.797+.394	10.0	5
9702	10368	7.3	6 10.57	+3.7097+.0272	−33 17 54.0	−13.788+.398	10.1	4
9703	9779	6.3	6 16.38	+4.1458+.0465	−47 52 41.8	−13.781+.445	10.0	4
9704	1985	7.0	6 32.36	+5.7679+.1639	−70 10 42.0	−13.764+.617	10.1	4
9705	5680	6.5*	6 41.30	+4.8266+.0868	−61 0 15.6	−13.755+.518	10.1	4
9706	6428	7.5	6 43.34	+4.4815+.0647	−55 23 33.4	−13.753+.481	10.1	4
9707	972	7.0	6 45.02	+7.7020+.3978	−78 8 15.9	−13.751+.823	10.4	4
9708	9932	4.9	6 46.57	+4.0169+.0401	−44 9 39.3	−13.749+.432	9.6	4
9709	9933	8.1	6 50.07	+4.0324+.0408	−44 37 11.8	−13.746+.434	9.9	4
9710	3029	9.6	6 50.46	+3.1016+.0090	− 1 42 52.5	−13.745+.335	10.4	1
9711	10032	7.6	7 1.96	+3.8110+.0310	−37 11 1.8	−13.733+.410	9.6	4
9712	4047	4.7	7 5.32	+3.4164+.0170	−19 27 6.2	−13.730+.369	9.8	10,15
9713	2281	6.7	7 13.69	+5.7605+.1623	−70 4 35.1	−13.721+.618	9.6	4
9714	9790	10.5	7 21.84	+4.1450+.0461	−47 43 47.7*	−13.712+.447	10.2	4
9715	10119	6.1	7 26.79	+3.7746+.0295	−35 45 10.5	−13.707+.407	9.4	4
9716	10143	8.0	7 54.46	+3.9842+.0382	−43 1 9.2	−13.677+.430	9.4	4
9717	10049	8.0	7 56.84	+3.8144+.0310	−37 12 27.7	−13.675+.412	9.4	4
9718	12133	6.4	8 1.60	+3.5010+.0186	−23 40 13.3	−13.670+.379	9.5	4
9719	11928	6.4	8 12.92	+3.5281+.0204	−24 58 13.3	−13.658+.382	9.9	4
9720	10086	7.0	8 23.01	+3.8416+.0320	−38 9 18.5	−13.647+.416	9.4	4
9721	9805	10	8 28.92	+4.1486+.0458	−47 41 44.8	−13.640+.449	10.3	1
9722	10157	6.9	8 30.56	+3.9874+.0382	−43 3 1.7	−13.639+.432	9.6	4
9723	10158	8.0	8 31.29	+3.9874+.0382	−43 2 54.3	−13.638+.432	9.7	3
9724	10801	6.0	8 33.24	+3.5473+.0210	−25 51 24.7	−13.636+.385	9.5	4
9725	12144	7.8	8 37.08	+3.5096+.0198	−24 2 30.2	−13.632+.381	9.4	4
9726	4875	7.6	8 54.71	+4.9198+.0916	−62 1 43.5	−13.613+.532	9.7	4
9727	11813	5.0	9 6.28	+3.6667+.0251	−31 11 1.1	−13.600+.398	9.6	4
9728	3013	7.1	9 15.91	+5.2543+.1162	−65 45 31.9	−13.590+.569	9.8	6
9729	9739	7.0	9 16.77	+4.0151+.0393	−43 48 50.6	−13.589+.436	9.9	4
9730	5698	6.0	9 19.95	+4.8143+.0841	−60 34 12.4	−13.586+.522	9.8	4
9731	3320	9.3	9 24.85	+3.0667+.0082	+ 0 20 15.0	−13.581+.335	10.4	1
9732	9824	6.2	9 37.67	+4.1552+.0458	−47 44 21.3	−13.567+.452	9.8	4
9733	5701	5.2	9 39.61	+4.8205+.0843	−60 37 26.2	−13.565+.523	9.6	4
9734	10289	7.4	9 51.25	+3.5856+.0221	−27 31 20.3	−13.552+.391	9.5	4
9735	10188	9.1	9 56.38	+3.9755+.0373	−42 30 36.2	−13.547+.433	9.7	4
9736	9779	8.8*	10 0.19	+4.0629+.0413	−45 8 49.5	−13.543+.442	9.8	4
9737	9830	7.5	10 1.21	+4.1558+.0457	−47 42 38.5	−13.542+.452	9.8	4
9738	3544	4.8	10 2.08	+5.0300+.0986	−63 16 41.7	−13.541+.546	10.0	4
9739	10010	7.7	10 4.86	+3.8102+.0304	−36 48 52.0	−13.538+.415	10.1	4
9740	9682	5.2	10 8.52	+3.9343+.0355	−41 9 27.1	−13.534+.429	10.1	4
9741	9749	6.3	10 9.23	+3.9968+.0382	−43 9 4.8	−13.533+.436	10.2	4
9742	3020	8.9	10 14.23	+5.3011+.1190	−66 7 43.6	−13.528+.576	10.4	4
9743	10292	6.8	10 16.28	+3.5808+.0219	−27 15 46.3	−13.525+.391	10.4	4
9744	9835	7.7	10 19.47	+4.1441+.0450	−47 21 50.9	−13.522+.452	10.1	4
9745	1792	6.5	10 20.56	+6.0147+.1822	−71 27 40.2	−13.521+.653	10.5	4
9746	9837	9.2	10 23.28	+4.1669+.0461	−47 57 30.0	−13.518+.454	10.1	4
9747	9983	6.5	10 24.61	+4.0312+.0397	−44 10 12.0	−13.516+.440	9.7	4
9748	5875	4.2	10 27.60	+4.6812+.0748	−58 27 56.4	−13.513+.510	9.9	13
9749	2383	3.1	10 29.60*	+5.5594+.1400	−68 20 52.0*	−13.511+.604	10.0	25
9750	9839	6.6	10 36.81	+4.1516+.0453	−47 31 53.2	−13.503+.453	10.1	4

9749S.P. 29ˢ63, 53″.0, 10.2, 9. 9714 47″.3, 48″.4, 45″.8, 49″.1

No.	Name	Mag.	R. A. 1910	Prec. and Sec. Var.	Decl. 1910	Prec. and Sec. Var.	Epoch.	No. Obs.
		M	h m s	s s	° ′ ″	″ ″		
9751	9693	7.0	15 10 39.09	+3.9632+.0366	−42 2 12.7	−13.501+.433	10.2	4
9752	9697	7.0	10 41.74	+3.8791+.0330	−39 13 40.6	−13.498+.424	10.4	4
9753	2985	5.4	10 42.86	+2.9813+.0066	+ 5 16 22.9	−13.497+.327	9.7	4
9754	9791	6.6	10 46.10	+4.0913+.0424	−45 52 10.1	−13.493+.447	10.2	4
9755	5887	8.4	10 54.10	+4.7690+.0801	−59 45 45.8	−13.485+.520	10.4	4
9756	4065	5.7	11 9.78	+3.4738+.0184	−22 4 1.7	−13.468+.381	10.0	8
9757	10107	6.9*	11 12.13	+3.8492+.0317	−38 6 55.5	−13.465+.422	9.7	4
9758	9791	8.2	11 15.28	+4.2141+.0481	−49 3 41.2	−13.462+.461	9.9	4
9759	12173	7.2	11 31.58	+3.5072+.0194	−23 40 41.5	−13.444+.385	10.1	4
9760	5720	5.5	11 33.67	+4.8013+.0818	−60 9 57.7	−13.442+.525	10.1	4
9761	9805	7.4	11 39.24	+4.0777+.0414	−45 23 2.9	−13.436+.447	10.0	5
9762	2753	6.7	11 42.25	+5.3181+.1189	−66 10 0.0	−13.433+.581	10.3	4
9763	2561	3.5	11 52.37	+2.4118+.0010	+33 39 0.4	−13.422+.267	9.4	4
9764	9853	7.0	11 53.59	+4.1585+.0452	−47 34 12.0	−13.420+.456	10.3	4
9765	5900	7.4	11 56.07	+4.7787+.0801	−59 48 14.1	−13.418+.523	10.4	4
9766	2755	9.1	11 58.32	+5.3266+.1193	−66 13 28.6	−13.415+.583	10.4	4
9767	6408	6.9	12 3.87	+4.4415+.0598	−54 2 3.6	−13.409+.487	10.2	4
9768	3935	2.7	12 9.73	+3.2308+.0118	− 9 3 5.1	−13.403+.356	9.7	29,38
9769	9813	8.9	12 10.78	+4.0778+.0413	−45 19 44.2	−13.402+.448	10.2	4
9770	9481	6.4	12 14.11	+3.9285+.0347	−40 43 51.1	−13.398+.432	10.1	4
9771	9860	4.5	12 15.99	+4.1592+.0451	−47 32 39.6	−13.396+.457	9.5	8
9772	9861	7.0	12 17.74	+4.1594+.0451	−47 32 54.9	−13.394+.457	9.7	4
9773	10006	9.3	12 18.86	+4.0615+.0405	−44 50 37.4	−13.393+.446	10.1	4
9774	11630	4.4	12 21.06	+3.6425+.0238	−29 49 5.5	−13.390+.401	9.9	8
9775	9482	7.4	12 22.22	+3.9398+.0352	−41 5 15.5	−13.389+.433	10.2	4
9776	2836	6.5	12 26.40	+5.4338+.1274	−67 9 11.6	−13.385+.595	10.2	4
9777	1527	6.6	12 29.64	+6.5594+.2352	−74 4 21.8	−13.381+.718	10.2	4
9778	9496	5.8	13 2.01	+3.9229+.0343	−40 27 31.9	−13.346+.432	9.7	4
9779	9748	7.7	13 8.03	+3.9741+.0364	−42 6 30.6	−13.339+.438	9.7	4
9780	12117	6.3	13 10.10	+3.6692+.0246	−30 52 49.2	−13.337+.405	9.9	4
9781	6696	6.9	13 15.46	+4.6134+.0691	−57 4 10.4	−13.331+.508	9.6	4
9782	11984	7.6	13 18.88	+3.5310+.0200	−24 40 14.7	−13.328+.390	10.1	4
9783	5917	7.3	13 21.97	+4.7485+.0773	−59 12 58.8	−13.324+.523	9.7	4
9784	10024	8.6	13 29.26	+4.0675+.0405	−44 53 10.2	−13.316+.449	10.1	4
9785	10062	6.2	13 47.25	+3.8198+.0300	−36 45 56.7	−13.297+.422	9.4	4
9786	9834	6.8	13 51.10	+4.5448+.0648	−55 48 20.2	−13.292+.502	9.9	4
9787	10029	9.6	13 52.00	+4.0573+.0399	−44 32 58.6	−13.292+.448	9.7	4
9788	12202[1]	7.2	13 52.33	+3.5166+.0194	−23 56 13.1	−13.291+.389	9.4	4
9789	12202[2]	9.7	13 52.33	+3.5166+.0194	−23 56 14.7	−13.291+.389	9.3	1
9790	1020	7.2	14 4.59	+7.1491+.3008	−76 12 4.7	−13.278+.786	10.1	9
9791	12208	7.2	14 23.21	+3.5176+.0194	−23 56 33.0	−13.258+.390	9.5	4
9792	3038	7.1	14 29.87	+5.3129+.1158	−65 53 10.4	−13.250+.587	9.4	4
9793	6431	7.5	14 30.54	+4.4511+.0592	−53 57 54.8	−13.250+.493	9.4	4
9794	11877	8.8	14 30.90	+3.6843+.0249	−31 22 57.2	−13.249+.409	9.7	4
9795	10322	7.8	14 33.58	+3.7644+.0278	−34 35 53.9	−13.246+.418	9.6	4
9796	9849	9.3	14 41.58	+4.1108+.0420	−45 58 21.6	−13.238+.456	9.9	4
9797	2944	5.2	14 42.99	+3.0356+.0076	+ 2 6 18.8	−13.236+.338	9.6	5
9798	9904	7.0	14 47.33	+4.1656+.0446	−47 26 3.4	−13.231+.462	9.7	4
9799	6712	7.0	15 2.48	+4.6094+.0679	−56 49 13.7	−13.215+.511	9.7	4
9800	10330	7.1	15 6.07	+3.6061+.0222	−27 57 38.6	−13.211+.401	10.1	4

No.	Name	Mag.	R. A. 1910	Prec. and Sec. Var.	Decl. 1910	Prec. and Sec. Var.	Epoch.	No. Obs.
		M	h m s	s s	° ′ ″	″ ″		
9801	994	7.7	15 15 7.89	+8.2380+.4471	−78 59 13.5	−13.209+.909	10.1	4
9802	5897	7.8	15 10.90	+4.7342+.0753	−58 49 22.0	−13.205+.525	10.0	5,4
9803	10881	8.4	15 20.69	+3.5559+.0205	−25 39 40.4	−13.194+.396	9.9	4
9804	10048	7.0	15 26.91	+4.0655+.0398	−44 36 47.8	−13.188+.452	10.3	4
9805	5900	7.6	15 27.10	+4.7372+.0753	−58 50 30.1*	−13.188+.526	9.8	4
9806	9538	3.4	15 27.60	+3.9268+.0339	−40 19 20.0	−13.187+.437	9.6	10
9807	6443	7.2	15 34.67	+4.4224+.0572	−53 16 42.8*	−13.179+.491	9.9	4
9808	5901	8.1	15 34.78	+4.7365+.0752	−58 49 7.8	−13.179+.526	9.8	4
9809	1813	7.2	15 38.68	+6.1225+.1844	−71 43 27.6	−13.175+.678	10.2	4
9810	9539	6.2	15 40.24	+3.9306+.0340	−40 25 28.3	−13.173+.438	10.0	4
9811	10171[1]	6.6	15 41.77	+3.8566+.0310	−37 53 37.3	−13.171+.429	10.1	4
9812	10171[2]	8.8	15 42.20	+3.8566+.0310	−37 53 40.0	−13.171+.429	10.1	4
9813	2026	7.0	15 42.85	+5.9986+.1725	−71 0 1.0	−13.170+.665	10.4	4
9814	9919	5.7	15 43.65	+4.1910+.0454	−47 59 12.0	−13.169+.466	10.2	4
9815	3346	9.5	15 49.41	+3.0624+.0081	+ 0 34 33.4	−13.163+.342	10.4	1
9816	9922	5.1	15 51.85	+4.1765+.0447	−47 36 2.5	−13.160+.465	9.8	4
9817	5760	5.6	15 52.33	+4.8423+.0816	−60 20 1.3	−13.160+.538	10.2	4
9818	10236	3.6	16 5.46	+3.8038+.0289	−35 56 7.2	−13.145+.424	9.8	12
9819	5908	4.5	16 12.04	+4.7522+.0757	−58 59 50.2	−13.138+.529	9.9	4
9820	9926	7.8	16 21.90	+4.1783+.0446	−47 35 29.7	−13.127+.466	9.7	4
9821	10181	6.8*	16 24.29	+3.8424+.0303	−37 18 42.3	−13.125+.429	9.9	4
9822	9845	7.0	16 27.34	+4.0471+.0387	−43 58 9.4	−13.121+.452	9.9	4
9823	10066	3.7	16 33.85	+4.0612+.0393	−44 21 58.9	−13.114+.453	9.5	9
9824	11896	7.4	16 34.87	+3.7009+.0251	−31 51 58.0	−13.113+.414	10.3	4
9825	9032	6.6	16 36.90	+4.3395+.0524	−51 24 48.7	−13.111+.484	10.2	4
9826	10335	7.8	16 44.99	+3.7647+.0274	−34 23 7.1	−13.102+.421	9.9	4
9827	10481	7.5	16 49.90	+3.7507+.0268	−33 50 6.8	−13.096+.420	9.7	4
9828	6729	6.7	16 51.45	+4.6312+.0682	−57 0 32.1	−13.095+.517	9.6	4
9829	10074	9.1	17 2.99	+4.0710+.0396	−44 35 53.7	−13.082+.455	10.1	4
9830	9880	6.6	17 13.06	+4.1151+.0415	−45 49 7.2	−13.071+.460	10.1	4
9831	11311	6.6	17 16.90	+3.6348+.0228	−29 1 10.5	−13.066+.407	10.0	4
9832	9827	9.2	17 18.43	+3.9681+.0351	−41 27 45.3	−13.065+.444	10.2	4
9833	10103	4.7	17 24.09	+3.8238+.0294	−36 32 10.8	−13.059+.428	9.9	21
9834	10842	6.7*	17 34.28	+3.5754+.0208	−26 22 2.4	−13.047+.401	9.9	4
9835	10088	8.4	17 43.68	+4.0748+.0395	−44 38 4.5	−13.037+.457	9.7	4
9836	2864	6.0	17 44.61	+5.5841+.1338	−67 59 25.6	−13.036+.624	10.4	9
9837	11915	8.8	17 52.02	+3.6946+.0247	−31 29 6.0	−13.028+.415	10.1	4
9838	10344	8.0	17 53.42	+3.7686+.0273	−34 25 18.7	−13.026+.423	9.7	4
9839	4188	6.7	18 0.47	+3.3413+.0142	−14 48 48.2	−13.018+.376	9.6	5
9840	10846	8.2	18 12.53	+3.5893+.0212	−26 56 15.6	−13.005+.404	9.8	2
9841	9912	7.6	18 14.96	+4.2126+.0456	−48 15 42.8	−13.002+.473	9.4	4
9842	10849	7.5	18 38.36	+3.5912+.0212	−26 59 3.2*	−12.976+.404	9.7	4,3
9843	6746	7.5	18 46.26	+4.6237+.0667	−56 41 44.0	−12.967+.520	10.0	5
9844	3057	9.0	18 46.53	+5.3236+.1125	−65 38 31.0	−12.967+.597	9.7	4
9845	1005	8.0	18 49.22	+8.0547+.4066	−78 26 14.2	−12.964+.901	9.8	4
9846	9827	5.4	18 51 99*	+3.9096+.0324	−39 23 23.6	−12.961+.440	9.6	9,10
9847	10043	6.6	18 54.80	+4.1621+.0431	−46 53 55.6	−12.958+.468	10.1	4
9848	3948	9.1	18 56.24	+3.4929+.0182	−22 24 14.5	−12.956+.394	10.3	6
9849	10267	6.8	18 58.20	+3.8026+.0283	−35 35 52.2	−12.954+.429	10.1	4
9850	9383	6.8	19 3.98	+4.3334+.0511	−51 1 22.3	−12.948+.488	10.2	4

9805 30″.4, 28″.8, 31″.6, 29″.7. 9807 44″.5, 42″.3, 42″.2, 42″.4

9842 (6″.9). 9846 (51ˢ.79).

No.	Name	Mag.	R. A. 1910	Prec. and Sec. Var.	Decl. 1910	Prec. and Sec. Var.	Epoch.	No. Obs.
		M	h m s	s s	° ′ ″	″ ″		
9851	8303	6.8	15 19 5.05	+4.4138+.0552	−52 44 23.6	−12.947+.497	10.3	4
9852	10225	7.1	19 17.43	+3.8660+.0306	−37 51 1.5	−12.933+.436	10.2	4
9853	3059	7.0*	19 21.40	+5.3456+.1136	−65 48 16.8	−12.928+.601	10.1	4
9854	10050	8.2	19 22.51	+4.1595+.0428	−46 46 49.7	−12.927+.469	10.0	4
9855	2653	5.6	19 29.16	+2.4679+.0016	+30 36 44.4	−12.920+.281	9.4	4
9856	10289	4.7	19 29.80	+3.8829+.0312	−38 24 54.7	−12.919+.438	9.6	9
9857	3178	5.7	19 42.05	+5.1893+.1020	−64 12 53.8	−12.905+.584	10.2	4
9858	10279	7.6	19 45.99	+3.8124+.0286	−35 52 51.9	−12.901+.431	10.1	4
9859	10111	8.7	19 57.67	+4.0802+.0391	−44 33 4.2	−12.888+.461	9.7	4
9860	9848	7.2	20 12.87	+3.9192+.0325	−39 34 18.7	−12.871+.444	9.4	4
9861	10390	8.2	20 13.13	+4.0128+.0362	−42 32 41.3	−12.871+.454	9.6	4
9862	10392	9.8	20 14.53	+4.0130+.0362	−42 32 46.0	−12.869+.454	9.6	4
9863	10143	7.6	20 18.74	+3.8214+.0288	−36 9 23.3	−12.864+.433	9.6	4
9864	9916	7.5	20 30.34	+4.1052+.0401	−45 11 48.0	−12.851+.465	9.9	4
9865	6755	8.3	20 31.20	+4.6338+.0663	−56 41 51.5	−12.850+.524	9.8	3
9866	10147	6.8	20 31.73	+3.8255+.0289	−36 16 51.5	−12.850+.434	9.8	5
9867	9950	9.6	20 36.33	+4.2328+.0457	−48 30 56.2	−12.845+.479	9.9	4
9868	9628	7.6	20 48.68	+4.2595+.0469	−49 8 18.6	−12.831+.483	9.9	4
9869	12226	7.5	20 54.08	+3.6898+.0241	−31 0 14.0	−12.825+.419	9.9	4
9870	9631	7.5	20 59.10	+4.2742+.0475	−49 28 7.9	−12.819+.484	10.0	4
9871	10286	7.6	21 3.36	+3.8046+.0280	−35 27 52.1	−12.814+.432	9.9	4
9872	2636	4.5	21 5.37	+2.2784+.0015	+37 41 31.8	−12.812+.261	9.8	6
9873	10125	9.3*	21 5.66	+4.0999+.0396	−44 59 12.0	−12.812+.465	10.1	4
9874	6504	7.1	21 9.71	+4.4562+.0565	−53 23 14.1	−12.807+.505	10.1	5
9875	3069	6.9	21 11.14	+5.3366+.1112	−65 34 33.3	−12.806+.604	10.4	4
9876	2885	7.4	21 29.97	+5.5179+.1245	−67 10 19.7	−12.785+.625	10.4	4
9877	1852	6.7	21 31.30	+6.1212+.1752	−71 20 30.8	−12.783+.693	10.4	4
9878	10161	5.5	21 32.08	+3.8330+.0289	−36 27 8.5	−12.782+.436	10.2	4
9879	2858	5.5	21 36.95	+2.7822+.0040	+15 44 38.0*	−12.777+.318	9.8	6,5
9880	1802	5.6	21 41.12*	+6.4581+.2071	−73 4 41.2*	−12.772+.731	9.5	8
9881	9132	6.2	21 52.86	+4.3584+.0512	−51 17 3.4*	−12.759+.496	9.7	4
9882	9642	6.8	21 55.15	+3.9482+.0332	−40 20 44.3	−12.756+.449	9.9	4
9883	10140	7.9*	22 7.01	+4.0978+.0393	−44 49 17.7	−12.743+.466	9.7	4
9884	2069	7.0	22 18.02	+6.0288+.1658	−70 45 4.5	−12.730+.684	10.1	4
9885	510	5.7	22 23.74*	+13.181+1.410	−84 10 1.8*	−12.724+1.49	9.7	30,54
9886	10526	7.5	22 24.03	+3.7491+.0258	−33 13 51.4	−12.724+.428	9.6	4
9887	7066	6.8	22 24.77*	+4.7277+.0706	−58 2 17.4*	−12.723+.538	9.9	4
9888	3072	9.3	22 28.09	+5.4010+.1147	−66 4 39.5	−12.719+.614	9.9	4
9889	10268	7.4	22 32.82	+3.8601+.0297	−37 18 59.4	−12.714+.440	10.1	4
9890	10143	7.6	22 35.28	+4.0909+.0388	−44 34 48.7	−12.711+.466	9.9	4
9891	5839	8.5	22 49.55	+4.8769+.0792	−60 10 46.4	−12.695+.556	10.2	4
9892	9467	7.8	22 57.48	+4.3538+.0506	−51 4 37.8	−12.686+.497	10.0	4
9893	9468	7.9	22 57.86	+4.3244+.0492	−50 25 21.7	−12.686+.494	10.1	4
9894	1590	8.9	23 0.11	+6.6901+.2282	−74 2 6.5*	−12.683+.761	10.4	4,3
9895	12256	9.2	23 3.08	+3.6892+.0237	−30 47 4.6*	−12.680+.422	10.4	4,3
9896	10100	5.0	23 8.22	+4.1606+.0417	−46 25 16.2	−12.674+.475	10.2	4
9897	3076	7.4	23 10.22	+5.3588+.1110	−65 37 59.7	−12.672+.611	10.4	4
9898	12259	8.6	23 10.32	+3.6943+.0239	−30 58 59.0	−12.672+.423	10.5	4
9899	4089	5.9	23 10.70	+3.3774+.0148	−16 24 11.4	−12.671+.387	9.4	8
9900	11981	7.2	23 12.18	+3.6988+.0240	−31 9 49.0	−12.670+.423	10.2	4

9880 S.P. 41ˢ.06, 41″.8, 10.6, 5.

9879 (40″.5).

9894 (9″.2).

9881 3″.7, 4″.1, 4″.1, 1″.6.

9895 (2″.4).

9885 S.P. 23ˢ.74, 1″.9, 9.9, 24, 51.

9887 Twice noted S. pr.

No.	Name	Mag.	R. A. 1910	Prec. and Sec. Var.	Decl. 1910	Prec. and Sec. Var.	Epoch.	No. Obs.
		M	h m s	s s	° ′ ″	″ ″		
9901	1014	7.8	15 23 13.75	+8.2938+.4244	−78 46 47.6	−12.668+.942	10.2	4
9902	9157	7.0	23 20.38	+4.3983+.0526	−51 59 30.2	−12.660+.502	10.0	4
9903	10371	6.7*	23 27.98	+3.8918+.0307	−38 19 19.0	−12.652+.445	10.2	4
9904	11366	7.5	23 30.58	+3.6367+.0220	−28 33 14.1	−12.649+.417	10.2	4
9905	9662	7.2	23 34.99	+3.9492+.0328	−40 12 30.2	−12.644+.452	10.0	4
9906	10155	9.2	23 40.65	+4.1072+.0392	−44 55 28.7	−12.637+.470	9.9	4
9907	10156	9.8	23 50.26	+4.1069+.0391	−44 54 0.5	−12.626+.470	10.4	1
9908	8427	6.6	24 5.21	+4.4544+.0551	−53 3 51.2	−12.610+.510	9.7	4
9909	2670	3.7	24 7.09	+2.4867+.0019	+29 24 55.5	−12.607+.287	9.7	10,14
9910	2786	9.4	24 8.50	+5.5319+.1228	−67 5 45.8	−12.606+.632	10.1	4
9911	10389	7.4	24 15.83	+3.8928+.0306	−38 16 30.7	−12.597+.447	10.1	4
9912	9965[1]	8.0	24 19.94	+3.9960+.0345	−41 36 35.8	−12.593+.459	9.6	4
9913	9965[2]	6.8	24 20.33	+3.9960+.0345	−41 36 31.6	−12.592+.459	9.6	4
9914	8434	7.6	24 23.31	+4.4200+.0532	−52 20 16.2	−12.589+.507	10.1	4
9915	1020	8.2	24 35.92	+8.2216+.4093	−78 34 22.4	−12.575+.939	10.1	4
9916	10166	7.7*	24 36.28	+4.1175+.0394	−45 6 53.7	−12.574+.473	10.1	4
9917	10047	7.1	24 38.01	+4.2129+.0435	−47 36 40.0	−12.572+.484	9.4	4
9918	10558	8.0	24 59.08	+3.7564+.0256	−33 16 17.2	−12.548+.432	9.8	4
9919	10172	9.5	25 4.77	+4.1057+.0387	−44 44 32.6	−12.542+.472	9.7	4
9920	2789	8.1	25 11.08	+5.5333+.1218	−67 1 56.8	−12.535+.635	9.4	4
9921	4099	5.9	25 35.59	+3.3780+.0146	−16 18 4.2	−12.507+.390	10.5	1
9922	10564	6.9	25 37.51	+3.7642+.0258	−33 30 41.1	−12.505+.434	9.4	4
9923	6787	7.5	25 38.28*	+4.6872+.0666	−57 6 2.8	−12.504+.539	9.4	3,4
9924	9531	8.1	25 51.19	+4.3339+.0485	−50 21 2.8	−12.489+.500	9.4	4
9925	5875	7.0	25 58.21	+4.9566+.0820	−60 58 0.8	−12.481+.571	9.5	4
9926	10190	7.0	26 2.36	+4.1098+.0386	−44 45 39.4	−12.476+.474	9.5	3
9927	10191	9.8	26 3.88	+4.1011+.0382	−44 30 53.8	−12.474+.473	9.4	4
9928	2493	7.6	26 8.12	+5.7404+.1367	−68 35 5.0	−12.470+.661	9.9	4
9929	10425	6.3	26 12.37	+3.8995+.0304	−38 18 51.9	−12.465+.450	9.9	4
9930	10868	6.6	26 12.57	+3.7412+.0249	−32 34 26.3	−12.465+.432	10.3	4
9931	5052	7.8	26 17.64	+5.0232+.0858	−61 46 39.3	−12.459+.579	10.0	4
9932	1607[1]	9.9	26 18.00	+6.7365+.2265	−74 3 11.0	−12.458+.775	10.1	4
9933	1607[2]	9.4	26 19.47	+6.7366+.2264	−74 3 7.0	−12.457+.775	10.1	4
9934	1820	7.4	26 29.06	+6.4026+.1934	−72 32 11.0	−12.446+.737	9.7	4
9935	10316	9.2	26 31.71	+3.8788+.0296	−37 34 41.7	−12.443+.449	9.9	4
9936	10319	7.5	26 40.16	+3.8846+.0298	−37 45 53.7	−12.433+.450	9.9	4
9937	10419	7.8	26 40.27	+3.6266+.0213	−27 51 36.5	−12.433+.420	9.7	4
9938	5885	7.4	26 48.08	+4.9264+.0796	−60 30 9.7	−12.424+.569	9.9	4
9939	1133	7.2	26 49.10	+7.9791+.3691	−77 56 2.2	−12.423+.918	9.5	4
9940	12359	7.1	26 56.46	+3.5304+.0184	−23 34 27.8	−12.414+.409	9.9	4
9941	10062	10	27 11.72	+4.2769+.0454	−48 54 45.1	−12.397+.495	10.3	1
9942	10092	7.1	27 13.18	+4.2080+.0424	−47 13 53.7	−12.395+.487	9.7	5
9943	1134	6.9	27 19.17	+7.8573+.3519	−77 36 55.5	−12.388+.906	10.0	5
9944	6795	7.2	27 19.31	+4.6762+.0651	−56 46 8.1	−12.388+.541	9.4	4
9945	10213	9.3	27 25.22	+4.1133+.0384	−44 43 9.4	−12.381+.477	9.4	4
9946	9731	6.5	27 26.23	+3.9603+.0324	−40 11 5.9	−12.380+.459	9.7	4
9947	1436	7.9	27 41.30	+6.7705+.2272	−74 7 13.4	−12.363+.782	9.7	4
9948	2609	5.2	27 41.77	+2.1535+.0021	+41 8 21.0	−12.362+.252	10.2	15
9949	10968	7.5	27 45.30	+3.5743+.0196	−25 29 44.0	−12.358+.416	9.6	4
9950	12155[1]	7.6	27 49.24	+3.5452+.0188	−24 11 3.6	−12.354+.412	9.9	4

9923 (37.83).

No.	Name	Mag.	R. A. 1910	Prec. and Sec. Var.	Decl. 1910	Prec. and Sec. Var.	Epoch.	No. Obs.
		M	h m s	s s	° ′ ″	″ ″		
9951	12155[2]	7.4	15 27 49.84	+3.5452+.0188	−24 11 8.2	−12.353+.412	9.9	4
9952	10073	9.6	27 51.48	+4.2782+.0453	−48 52 40.3	−12.351+.496	9.4	4
9953	12156	9.4	27 57.90	+3.5574+.0191	−24 43 23.5	−12.344+.414	10.3	1
9954	9970	5.9	28 5.22	+3.9490+.0318	−39 45 44.3	−12.336+.459	9.7	4
9955	3213	7.2	28 10.16	+5.3130+.1032	−64 48 43.9	−12.330+.616	9.7	4
9956	2796	6.7*	28 11.33	+5.4668+.1139	−66 14 41.7	−12.328+.634	10.0	4
9957	3100	6.5	28 11.52	+5.3647+.1067	−65 18 37.8	−12.328+.622	10.2	4
9958	6802	8.0	28 20.77	+4.7032+.0660	−57 6 55.0	−12.318+.546	9.9	4
9959	12336	7.8	28 20.99	+3.6989+.0232	−30 42 54.3	−12.317+.431	10.2	4
9960	10464	6.5	28 26.25	+3.9280+.0310	−39 2 44.5	−12.311+.457	9.9	4
9961	3102	4.1	28 28.32*	+5.4433+.1120	−66 0 54.4*	−12.309+.632	9.8	14
9962	10898	7.1	28 31.39	+3.7542+.0250	−32 52 4.3	−12.306+.437	9.9	4
9963	12161	7.6	28 33.85	+3.5602+.0190	−24 48 26.2	−12.303+.415	10.2	4
9964	10022	8.7	28 37.45	+4.1406+.0391	−45 20 39.2	−12.298+.482	10.1	4
9965	9774	7.7	28 50.15	+4.3033+.0460	−49 22 5.4	−12.284+.501	9.7	4
9966	9760	3.0	29 8.32	+3.9871+.0330	−40 51 53.0	−12.263+.465	9.9	16
9967	10443	5.2	29 9.76	+3.6286+.0210	−27 44 39.8	−12.261+.424	10.4	4
9968	10231	8.8	29 14.52	+4.1194+.0381	−44 42 38.7	−12.256+.480	10.1	4
9969	4171	4.8	29 15.43	+3.2544+.0116	− 9 45 24.0	−12.255+.381	9.8	8,12
9970	2750	4.2	29 18.00	+2.4202+.0020	+31 39 43.9	−12.252+.284	9.7	4
9971	6816	7.9	29 22.88	+4.6841+.0644	−56 42 50.2	−12.246+.546	10.3	4
9972	10073	7.5	29 26.61	+3.9990+.0334	−41 12 9.4	−12.242+.467	10.1	4
9973	9787	Var.	29 28.56	+4.2990+.0456	−49 12 26.9	−12.240+.502	9.6	4
9974	1898	7.6	29 29.96	+6.3300+.1818	−71 59 58.7	−12.238+.736	10.1	4
9975	10239	4.8	29 41.06	+4.1190+.0380	−44 39 27.4	−12.225+.481	10.1	4
9976	12179	8.1	29 45.13	+3.5621+.0190	−24 48 15.6	−12.220+.417	9.9	4
9977	11429	7.6	29 51.02	+3.6539+.0216	−28 44 57.1	−12.214+.428	10.1	4
9978	4665	7.6	29 52.04	+5.0982+.0879	−62 22 57.4	−12.212+.595	9.9	4
9979	10982	7.3	29 53.49	+3.5765+.0194	−25 25 59.1	−12.211+.419	10.2	4
9980	10036	5.5	30 1.93	+4.0999+.0371	−44 5 45.0	−12.201+.479	10.2	4
9981	6586	7.9	30 5.42	+4.5016+.0548	−53 25 11.2	−12.197+.526	10.2	4
9982	1451	7.9	30 5.59	+6.8073+.2261	−74 8 48.9	−12.197+.793	10.4	4
9983	10040	7.5	30 17.40	+4.0871+.0365	−43 42 39.1	−12.183+.478	10.1	4
9984	1625	5.8	30 21.36*	+6.5774+.2032	−73 9 1.2*	−12.178+.767	9.8	8
9985	6601	8.1	30 27.14	+4.5432+.0567	−54 10 15.3	−12.172+.531	10.0	4
9986	4237	4.0	30 29.34	+3.3470+.0135	−14 29 24.0	−12.169+.393	9.8	9,12
9987	10930	6.3	30 32.34	+3.7568+.0247	−32 47 34.8	−12.166+.440	10.2	4
9988	11434	7.0	30 43.16	+3.6544+.0215	−28 41 59.1	−12.153+.429	10.2	4
9989	9787	7.9	30 43.73	+3.9887+.0326	−40 45 41.4	−12.153+.468	10.1	4
9990	1222	6.0	30 49.53	+7.2701+.2729	−75 47 13.4	−12.146+.848	10.4	5
9991	2512	2.3	30 52.63	+2.5303+.0024	+27 1 1.3	−12.142+.299	9.6	32,46
9992	2422	6.5	31 7.49	+5.9855+.1501	−69 55 52.2	−12.125+.700	9.9	4
9993	6607	6.9	31 10.52	+4.5497+.0566	−54 13 28.6	−12.122+.533	9.7	4
9994	9794	7.3	31 10.56	+3.9887+.0325	−40 43 14.0	−12.121+.468	9.9	4
9995	1903	8.0	31 30.21	+6.2480+.1715	−71 27 1.7	−12.099+.731	9.9	4
9996	10464	3.8	31 33.45	+3.6353+.0209	−27 50 15.0	−12.095+.428	10.1	15
9997	8640	7.8	31 39.06	+4.4877+.0534	−53 0 30.8	−12.088+.527	9.7	4
9998	10518	7.4	31 39.82	+3.9295+.0303	−38 47 32.3	−12.087+.462	9.7	4
9999	10958	7.2	31 42.36	+3.5971+.0198	−26 11 42.0	−12.084+.424	9.9	4
10000	10601	4.3	31 59.14	+4.0429+.0344	−42 16 21.0	−12.065+.476	9.6	4

9961S.P. $28^s.41$, $55''.3$, 9.9, 8.

9984S.P. $21^s.39$, $1''.2$, 10.9, 6.

No.	Name	Mag.	R. A. 1910	Prec. and Sec. Var.	Decl. 1910	Prec. and Sec. Var.	Epoch.	No. Obs.
		M	h m s	s s	° ′ ″	″ ″		
10001	11000	6.0	15 32 4.38	+3.5928+.0196	−25 58 57.8	−12.059+.424	9.7	4
10002	9324	5.5	32 7.82	+4.4430+.0511	−52 4 35.1	−12.055+.523	9.7	4
10003	4152	7.0	32 15.52	+3.5002+.0171	−21 49 13.4	−12.046+.413	10.1	4
10004	12395	7.5	32 16.56	+3.7133+.0231	−30 57 20.6	−12.045+.438	10.1	4
10005	2807	6.1	32 20.43	+2.7577+.0040	+16 24 58.1	−12.040+.326	10.5	2
10006	10078	7.3*	32 25.97	+4.1569+.0387	−45 24 47.0	−12.034+.490	10.1	4
10007	3989	5.8	32 30.43	+3.5229+.0177	−22 50 37.2	−12.028+.416	10.0	4
10008	6206	6.1	32 34.33	+4.8957+.0741	−59 36 31.7	−12.024+.576	9.7	4
10009	10532	6.6	32 37.39	+3.9344+.0303	−38 51 53.2	−12.020+.464	9.8	4
10010	6655	7.2	32 37.85	+4.6075+.0588	−55 7 56.9	−12.020+.543	9.9	4
10011	10536	6.0	32 46.76	+3.9338+.0302	−38 49 58.2	−12.009+.464	9.4	4
10012	10478	6.3	32 47.19*	+3.6393+.0208	−27 54 38.7	−12.009+.430	9.7	3,4
10013	6842	6.6	33 5.68	+4.6982+.0632	−56 37 13.3	−11.987+.554	9.9	4
10014	11837	3.8	33 7.53	+3.6782+.0219	−29 28 56.7	−11.985+.435	10.2	18
10015	4734	7.6	33 7.84	+5.1661+.0896	−62 54 5.7	−11.985+.609	9.7	4
10016	3243	7.2	33 20.24	+5.3480+.1010	−64 46 30.7	−11.970+.630	9.4	4
10017	10636	7.6	33 39.30	+4.0549+.0344	−42 28 26.5	−11.948+.480	9.4	4
10018	10297	7.5	33 55.40	+4.1363+.0374	−44 43 37.3	−11.929+.490	9.5	4
10019	10631	4.6	34 2.81	+3.8005+.0255	−34 7 7.2	−11.921+.450	9.8	8
10020	3996	6.2	34 3.51	+3.5254+.0176	−22 51 22.9	−11.920+.418	9.9	4
10021	3643	6.6	34 4.02	+5.2648+.0950	−63 53 21.3	−11.919+.622	10.0	6
10022	10492	7.7	34 8.81	+3.6285+.0203	−27 21 1.4	−11.914+.430	10.1	4
10023	10100	8.4	34 12.23	+4.1090+.0363	−43 57 15.8	−11.910+.487	9.9	4
10024	10101	7.2	34 13.28	+4.1105+.0363	−43 59 46.2	−11.908+.487	9.9	4
10025	2428	7.5	34 23.39	+6.0240+.1489	−69 58 35.6	−11.896+.712	9.9	4
10026	10210	6.3	34 34.80	+4.2448+.0416	−47 26 36.5	−11.883+.503	10.0	5
10027	2907	5.4	34 35.62	+2.1485+.0024	+40 38 45.7*	−11.882+.257	10.1	11
10028	10306	7.2	34 38.94	+4.1242+.0367	−44 19 48.8	−11.878+.489	9.7	4
10029	12431	6.5	34 40.32	+3.7174+.0228	−30 55 15.7	−11.876+.442	10.1	4
10030	8732	7.0	34 42.90	+4.5066+.0530	−53 6 0.2	−11.874+.534	10.1	4
10031	12458	5.1	34 57.48	+3.5416+.0179	−23 31 34.3	−11.856+.421	9.8	7,13
10032	10310	4.7	34 59.87	+4.1266+.0367	−44 21 49.5*	−11.854+.490	9.5	10
10033	10436	7.6	35 1.88	+3.8310+.0263	−35 8 3.5	−11.851+.455	9.7	4
10034	9373	7.4	35 8.40	+4.4126+.0486	−51 10 51.5	−11.844+.524	9.7	4
10035	10091	6.7*	35 8.41	+3.9674+.0308	−39 41 26.7	−11.844+.472	9.9	4
10036	2429	8.0	35 12.60	+6.0366+.1488	−70 0 23.5	−11.839+.715	9.7	4
10037	10316	9.2	35 18.42	+4.1352+.0370	−44 34 11.7	−11.832+.492	9.7	4
10038	2815	8.5	35 28.67	+5.5235+.1108	−66 13 55.5	−11.820+.655	9.5	4
10039	10225	8.6	35 36.65	+4.2716+.0423	−47 59 45.7	−11.810+.508	9.5	4
10040	10218	7.0	35 55.76	+4.3129+.0439	−48 55 42.5	−11.788+.514	9.9	4
10041	11499	7.6	36 1.53	+3.6721+.0213	−29 0 35.6	−11.781+.438	10.1	4
10042	9909	6.1	36 6.13	+4.3255+.0444	−49 12 1.7	−11.775+.515	10.0	4
10043	11500	7.8	36 6.26	+3.6695+.0212	−28 53 48.9	−11.775+.438	10.1	4
10044	9847	9.0	36 15.12	+3.9976+.0316	−40 31 48.3	−11.765+.477	9.9	4
10045	6257	6.6	36 26.87	+4.9478+.0746	−59 59 59.5	−11.751+.589	9.7	4
10046	6676	7.4	36 29.89	+4.6704+.0600	−55 52 25.9	−11.747+.557	9.9	4
10047	10332	8.4	36 30.07	+4.1439+.0370	−44 41 41.2	−11.747+.495	9.9	4
10048	7163	7.4	36 30.15	+4.7506+.0640	−57 9 52.8	−11.747+.566	10.1	4
10049	12472	7.4	36 37.36	+3.5551+.0181	−24 0 38.7	−11.739+.425	10.2	4
10050	10333	8.9	36 39.96	+4.1430+.0369	−44 39 16.2	−11.736+.495	9.9	4

10012 ($47^{s}.40$). 10027 $48''.3$ included. 10032 $51''.3$ included.

No.	Name	Mag.	R. A. 1910	Prec. and Sec. Var.	Decl. 1910	Prec. and Sec. Var.	Epoch.	No. Obs.
		M	h m s	s s	° ′ ″	″ ″		
10051	4188	5.0	15 36 45.52	+3.4539+.0155	−19 23 15.7	−11.729+.413	9.9	10,19
10052	10441	5.3	36 47.10	+3.8933+.0280	−37 8 11.8	−11.727+.465	9.4	8
10053	10147	7.4	36 49.02	+4.1868+.0385	−45 47 23.3	−11.725+.500	9.7	4
10054	10494	4.8	36 56.71	+3.8156+.0254	−34 25 19.3*	−11.716+.456	9.9	4
10055	9417	6.7	36 57.42	+4.4282+.0485	−51 20 32.4	−11.715+.529	10.0	4
10056	12192	7.4*	37 1.89	+3.7476+.0234	−31 53 53.0	−11.710+.448	9.9	4
10057	6651	7.5	37 7.17*	+4.6049+.0566	−54 41 59.9	−11.703+.550	9.4	3,4
10058	6679	7.0	37 13.18	+4.6743+.0599	−55 52 43.8	−11.696+.558	9.9	4
10059	9421	7.4	37 21.68	+4.4434+.0490	−51 37 6.0	−11.686+.531	9.6	4
10060	6667	7.9	37 23.29	+4.5690+.0547	−54 2 4.3	−11.684+.546	9.7	4
10061	6053	7.1	37 30.35	+5.0331+.0786	−61 0 37.1	−11.676+.601	9.7	4
10062	9937	6.9	37 35.80	+4.3642+.0455	−49 55 44.7	−11.670+.522	9.7	4
10063	6243	7.6	37 39.31	+4.8698+.0696	−58 50 17.2	−11.665+.582	10.1	4
10064	10348	9.2	37 47.94	+4.1458+.0366	−44 37 42.6	−11.655+.497	10.2	4
10065	11047	7.4	37 48.14	+3.5825+.0186	−25 7 43.6	−11.655+.430	10.0	4
10066	6654	7.7	37 50.69	+4.6149+.0567	−54 48 53.4	−11.652+.552	9.9	4
10067	12484	7.3*	37 51.87	+3.7067+.0220	−30 14 54.6	−11.650+.445	9.7	4
10068	6252[1]	8.6	37 53.90	+4.8403+.0679	−58 23 54.1	−11.648+.579	10.0	4
10069	6252[2]	7.6	37 57.60	+4.8410+.0679	−58 24 9.1	−11.644+.580	10.0	4
10070	4838	8.6	38 16.81	+5.1331+.0838	−62 8 43.3	−11.621+.615	9.5	4
10071	10245[1]	8.0	38 17.99	+4.0371+.0325	−41 31 55.8	−11.619+.484	9.9	4
10072	10245[2]	6.6	38 18.10	+4.0371+.0325	−41 31 59.9	−11.619+.484	9.9	4
10073	9787	6.6	38 22.65	+4.3939+.0465	−50 30 1.5	−11.614+.527	9.8	4
10074	12215	6.8	38 26.92	+3.7354+.0228	−31 18 57.6	−11.609+.449	9.7	4
10075	10359	9.3	38 31.38	+4.1503+.0366	−44 40 58.1	−11.604+.498	10.2	4
10076	12489	7.5	38 32.16	+3.7126+.0221	−30 25 34.3	−11.603+.446	9.7	4
10077	10373	8.3	38 48.92	+3.8960+.0276	−37 3 5.6	−11.583+.468	9.9	4
10078	12487	7.7	38 56.74	+3.5609+.0179	−24 6 38.6	−11.573+.429	10.1	4
10079	2722	3.9	38 57.75	+2.5265+.0027	+26 34 48.7	−11.572+.306	9.5	4
10080	4171	5.6	39 0.47	+3.3729+.0135	−15 23 12.2	−11.569+.406	9.9	7,13
10081	7201	7.3	39 5.29	+4.7880+.0646	−57 31 47.0	−11.563+.575	10.1	4
10082	4857	7.5	39 10.07	+5.1716+.0854	−62 31 1.3	−11.557+.621	9.7	4
10083	12498	7.4*	39 11.66	+3.7132+.0220	−30 24 7.2	−11.556+.447	10.1	4
10084	867	8.1	39 15.16	+8.7586+.4267	−79 7 36.3	−11.551+1.05	10.4	4
10085	10514	7.7	39 20.48	+3.8323+.0255	−34 49 4.4	−11.545+.462	10.1	4
10086	7206	7.0	39 35.48	+4.8116+.0655	−57 50 32.6	−11.527+.579	10.4	4
10087	3139	5.8	39 40.28*	+5.4351+.1011	−65 9 39.0*	−11.522+.653	9.7	9
10088	3088	2.8	39 50.04	+2.9438+.0062	+ 6 42 29.3	−11.510+.356	9.8	49,61
10089	10379	8.4	39 55.36	+4.1600+.0366	−44 49 3.5	−11.503+.502	9.9	4
10090	9474	7.2	40 3.32	+4.4671+.0490	−51 51 53.8	−11.494+.538	10.1	4
10091	6298	8.2	40 6.47	+4.8876+.0691	−58 53 48.8	−11.490+.589	10.0	4
10092	10296	7.0	40 10.92	+4.3086+.0423	−48 27 18.3	−11.485+.520	9.8	4
10093	11930	7.0	40 13.04	+3.6988+.0215	−29 45 31.9	−11.482+.447	10.2	4
10094	4020	6.9	40 25.08	+3.5259+.0169	−22 28 15.4	−11.468+.426	9.9	4
10095	9826	9.0	40 25.62	+4.4184+.0467	−50 50 21.8	−11.467+.533	10.1	4
10096	12275	7.5*	40 28.22	+3.5706+.0180	−24 26 1.1	−11.464+.432	10.2	4
10097	10755	8.2	40 34.15	+4.0934+.0340	−42 57 5.6	−11.457+.494	9.9	4
10098	10550	6.5	40 43.84	+3.6505+.0201	−27 46 47.0	−11.446+.442	9.8	4
10099	9490	8.8	40 53.51	+4.4519+.0480	−51 29 12.9	−11.434+.538	9.9	4
10100	10524	5.6	40 59.10	+3.8244+.0250	−34 24 4.8	−11.427+.463	9.6	8

10087 S.P. 40ˢ.26, 41″.7, 10.8, 5.

10054 20″.0, 20″.3, 19″.4, 17″.4

10057 (6ˢ.88). 10087 Mean.

No.	Name	Mag.	R. A. 1910	Prec. and Sec. Var.	Decl. 1910	Prec. and Sec. Var.	Epoch.	No. Obs.
		M	h m s	s s	° ′ ″	″ ″		
10101	10396	8.2	15 41 0.54	+3.8897+.0270	−36 39 21.5	−11.426+.471	10.0	4
10102	10296	7.6	41 6.28	+4.0588+.0326	−41 55 16.5	−11.419+.491	10.0	4
10103	10503	6.7	41 17.13	+3.8486+.0257	−35 13 47.5	−11.406+.466	9.7	4
10104	10504	6.9	41 18.80	+3.8489+.0257	−35 14 15.3	−11.404+.466	9.7	4
10105	9925	6.9	41 18.96	+4.0195+.0312	−40 44 49.0	−11.403+.487	9.7	4
10106	1168	8.1	41 21.49	+8.1934+.3486	−77 53 5.4	−11.400+.987	10.1	4
10107	6332	6.7	41 25.18	+4.9838+.0734	−60 5 27.7	−11.396+.603	9.8	4
10108	10152	6.4	41 26.17	+3.9923+.0303	−39 54 49.6	−11.395+.484	10.1	4
10109	9853	6.7	41 28.89	+4.3976+.0455	−50 18 38.8	−11.391+.532	10.1	4
10110	10220	9.4	41 32.61	+4.1779+.0368	−45 8 36.8	−11.387+.506	10.4	1
10111	10400	8.8	41 35.96	+4.1500+.0357	−44 24 24.8	−11.383+.503	10.0	4
10112	10007	7.5	41 37.83	+4.3590+.0438	−49 27 50.5	−11.381+.528	10.5	4
10113	10500	6.1	41 38.18	+3.9207+.0279	−37 37 54.7	−11.380+.475	10.2	4
10114	10008	8.0	41 47.06	+4.3605+.0438	−49 29 1.6	−11.370+.528	10.2	4
10115	6687	8.0	41 52.23	+4.5944+.0539	−54 7 4.1	−11.363+.557	10.0	4
10116	6692	8.2	41 59.45	+4.5955+.0539	−54 7 41.6	−11.355+.557	10.0	4
10117	2911	3.7	42 1.98	+2.7628+.0043	+15 42 10.4	−11.352+.337	9.8	21,37
10118	8912	6.0	42 4.18	+4.4907+.0492	−52 9 37.1	−11.349+.545	9.9	4
10119	10240	7.1	42 5.32	+4.1391+.0352	−44 4 24.8	−11.348+.502	10.2	4
10120	10505	7.3*	42 7.80	+3.9148+.0276	−37 23 46.8	−11.345+.475	9.9	4
10121	9521	7.3	42 28.37	+4.4811+.0486	−51 56 18.9	−11.320+.544	9.5	4
10122	11098	6.9	42 31.05	+3.6036+.0186	−25 42 31.7	−11.317+.438	9.7	4
10123	12296	7.3	42 39.93	+3.5856+.0182	−24 56 14.6	−11.306+.436	9.9	4
10124	10394	9.0	42 41.02	+4.2587+.0395	−47 3 52.2	−11.305+.518	9.7	4
10125	11585	7.8	42 51.45	+3.6723+.0204	−28 30 40.4	−11.292+.447	10.2	4
10126	11974	9.1	43 3.56	+3.7036+.0212	−29 44 12.6	−11.278+.451	10.4	4
10127	12525	6.7	43 6.37	+3.5543+.0173	−23 33 23.7	−11.274+.433	9.9	4
10128	10325	7.6	43 9.00	+4.0508+.0318	−41 30 53.5	−11.271+.493	9.9	4
10129	1170	7.4	43 11.93	+8.0423+.3254	−77 27 40.2	−11.268+.974	10.4	4
10130	8944	6.0	43 17.05	+4.5361+.0506	−52 56 0.1	−11.261+.552	9.8	4
10131	11976	7.9	43 19.11	+3.6906+.0208	−29 12 23.8	−11.259+.450	9.7	4
10132	3697	7.8	43 24.48	+5.3309+.0915	−63 54 27.2	−11.252+.648	10.2	4
10133	10349	6.0	43 26.40	+4.3288+.0420	−48 38 12.0	−11.250+.527	9.6	4
10134	10427	9.6	43 41.54	+4.1738+.0360	−44 51 11.1	−11.232+.509	9.9	4
10135	10410	7.8	43 52.27	+4.2498+.0388	−46 44 55.5	−11.219+.518	9.9	4
10136	2973	7.0	43 55.39	+5.7292+.1161	−67 22 0.1	−11.215+.697	9.4	4
10137	10251	6.2	43 57.76	+4.1852+.0363	−45 7 35.0	−11.212+.511	9.9	4
10138	10430	9.6	44 1.87	+4.1746+.0359	−44 50 46.7	−11.207+.509	9.8	5
10139	11150	7.5*	44 2.10	+3.7793+.0231	−32 31 57.5	−11.207+.462	9.4	4
10140	6711	5.8	44 6.73	+4.6426+.0550	−54 46 54.3	−11.201+.566	9.4	4
10141	10437	9.3	44 25.26*	+4.1737+.0358	−44 47 26.1	−11.179+.510	9.6	5
10142	3074	4.3	44 41.30	+2.7028+.0038	+18 25 8.1	−11.160+.332	9.8	9,14
10143	3286	6.6	44 42.55	+5.4406+.0970	−64 52 52.0	−11.158+.664	9.7	4
10144	1884	8.3	44 47.14	+6.5645+.1774	−72 21 32.6	−11.153+.800	10.0	4
10145	10376	9.0	44 54.56	+4.3058+.0406	−47 59 18.4	−11.144+.527	10.3	4
10146	4052	3.6	44 55.32	+3.1338+.0088	− 3 9 19.5	−11.143+.384	9.8	21,30
10147	3291	7.9	44 59.50	+5.4265+.0959	−64 43 53.1	−11.138+.663	10.4	4
10148	10430	6.1	45 7.82	+4.2557+.0386	−46 47 15.2	−11.127+.521	9.9	4
10149	11125	6.7	45 9.25	+3.6151+.0186	−26 0 56.3	−11.126+.443	10.1	4
10150	10754	4.1	45 14.18	+3.8044+.0236	−33 21 13.2	−11.120+.466	9.7	12

10141 $25^{s}.25$, $25^{s}.08$, $25^{s}.36$, $25^{s}.24$, $25^{s}.38$

No.	Name	Mag.	R. A. 1910	Prec. and Sec. Var.	Decl. 1910	Prec. and Sec. Var.	Epoch.	No. Obs.
		M	h m s	s s	° ′ ″	″ ″		
10151	9927	8.0	15 45 25.08	+4.4399+.0457	−50 52 4.6	−11.106+.544	9.9	4
10152	6407	7.0	45 31.39	+4.9092+.0670	−58 47 17.2	−11.099+.601	10.2	4
10153	4990	6.2	45 31.96	+5.1955+.0821	−62 20 10.0	−11.098+.636	10.2	4
10154	11131	4.8	45 33.77	+3.6029+.0182	−25 28 41.4	−11.096+.442	9.5	4
10155	10460	8.3	45 37.65	+4.1787+.0356	−44 49 4.0	−11.091+.512	10.2	5
10156	1063	10.5	45 39.61	+8.4422+.3637	−78 17 13.4*	−11.089+1.03	10.4	4,3
10157	10278	7.6*	45 42.58	+4.1951+.0362	−45 14 1.0	−11.085+.514	10.4	4
10158	12017	9.2	45 45.44	+3.7004+.0207	−29 24 46.5	−11.082+.454	10.2	4
10159	6723	7.4	45 46.29	+4.6037+.0525	−53 58 14.9	−11.081+.564	9.9	4
10160	11180	7.1	45 51.08	+3.7798+.0228	−32 24 52.6	−11.075+.464	9.9	4
10161	10462	6.7	45 54.92	+4.1872+.0358	−45 0 48.4	−11.070+.514	9.9	4
10162	10847	8.1	46 0.14	+4.0873+.0323	−42 19 12.2	−11.064+.502	9.9	4
10163	9939	6.4	46 11.93	+4.4178+.0445	−50 20 43.2	−11.050+.542	9.8	4
10164	10467	8.7	46 18.32	+4.1831+.0356	−44 52 36.3	−11.042+.514	10.1	4
10165	3069	3.8	46 19.70	+2.9799+.0066	+ 4 44 52.8	−11.040+.367	9.8	21,30
10166	10768	7.6	46 29.76	+3.8210+.0239	−33 50 56.3	−11.028+.470	9.9	4
10167	2585	5.2	46 35.22*	+5.8827+.1236	−68 20 7.7*	−11.021+.721	9.5	8
10168	11073	7.0	46 37.78	+3.6231+.0186	−26 15 9.3	−11.018+.446	10.1	4
10169	12030	6.4	46 39.24	+3.7072+.0207	−29 36 50.7	−11.016+.456	10.1	4
10170	12033	9.2	46 48.17	+3.6984+.0205	−29 15 40.2	−11.005+.455	9.7	4
10171	3723	3.0	47 12.19	+5.2819+.0856	−63 9 12.9	−10.976+.649	10.0	24
10172	6191	6.3	47 15.44	+5.0474+.0729	−60 28 34.2	−10.972+.620	9.4	4
10173	12042	8.8	47 17.97	+3.7078+.0207	−29 35 40.0	−10.969+.457	9.6	4
10174	2829	5.0	47 18.71	+2.6376+.0034	+21 14 51.4	−10.968+.326	10.5	2
10175	6753	7.3	47 20.51	+4.5742+.0505	−53 18 53.0	−10.966+.563	9.7	4
10176	1181	6.5	47 20.78*	+8.2307+.3338	−77 45 46.4	−10.966+1.01	10.3	4,5
10177	12044	8.6	47 22.13	+3.7074+.0206	−29 34 24.0	−10.964+.457	9.6	4
10178	12626	7.2*	47 36.37	+3.7322+.0213	−30 30 34.0	−10.947+.460	9.4	4
10179	9966	7.6	47 48.80	+4.4544+.0454	−50 58 12.7	−10.932+.549	9.4	4
10180	10488	9.6	47 57.14	+4.1753+.0348	−44 32 23.0	−10.921+.515	9.9	4
10181	10487	9.5	47 58.20	+4.1829+.0351	−44 44 3.7	−10.920+.516	10.2	4
10182	6428	6.0	47 59.44	+5.0067+.0704	−59 54 35.4	−10.919+.617	9.5	4
10183	6766	7.3	48 2.75	+4.5718+.0501	−53 13 0.8	−10.914+.564	9.8	4
10184	4249	5.1	48 6.41	+3.4783+.0151	−19 53 55.4	−10.910+.430	9.6	5
10185	10122	7.4	48 11.94	+4.4124+.0436	−50 4 15.1	−10.903+.544	9.9	4
10186	10123	7.7	48 12.15	+4.4122+.0435	−50 4 3.1	−10.903+.544	9.9	4
10187	12352	4.7	48 12.34	+3.5969+.0178	−25 3 32.4	−10.903+.445	10.2	4
10188	1888	8.3	48 14.87	+6.7148+.1840	−72 53 4.8	−10.900+.826	10.2	4
10189	6208	6.0	48 30.44	+5.0336+.0714	−60 12 56.0	−10.881+.621	10.2	4
10190	10316	9.0*	48 30.50	+4.2027+.0356	−45 11 47.8	−10.880+.519	10.1	4
10191	12354	5.4	48 31.17	+3.5785+.0173	−24 15 56.0	−10.880+.443	10.2	4
10192	12569	5.4	48 34.28	+3.5656+.0170	−23 42 38.2*	−10.876+.441	9.9	4
10193	4174	4.3	48 41.95	+3.4044+.0134	−16 27 57.2	−10.866+.422	9.5	4
10194	11096	6.0	49 1.13	+3.6470+.0189	−27 4 19.3	−10.843+.452	10.0	4
10195	10501	7.2	49 6.44	+4.1682+.0343	−44 15 38.1	−10.836+.516	9.5	4
10196	10901	6.8	49 6.46	+4.0970+.0318	−42 20 20.4	−10.836+.507	10.1	4
10197	10375	7.1	49 7.49	+4.1257+.0328	−43 7 36.5	−10.835+.511	10.1	4
10198	593	7.7	49 9.88	+13.735+1.218	−83 58 46.8	−10.832+1.69	9.4	4
10199	10903	7.7	49 9.99	+4.0941+.0317	−42 15 19.6	−10.832+.507	9.9	4
10200	12365	5.9	49 15.17	+3.5965+.0176	−24 58 39.2	−10.826+.446	10.0	4

10167 S.P. $35^s.22$, $8''.4$, 10.4, 5. 10156 ($8''.9$) 10176 ($21^s.43$)

10192 $39''.9$, $37''.9$, $37''.2$, $38''.0$.

No.	Name	Mag.	R. A. 1910	Prec. and Sec. Var.	Decl. 1910	Prec. and Sec. Var.	Epoch.	No. Obs.
		M	h m s	s s	° ′ ″	″ ″		
10201	4046	6.7	15 49 22.55	+3.5386+.0163	−22 30 1.2	−10.817+.439	9.5	4
10202	10503	7.0	49 26.47	+4.1695+.0342	−44 16 3.3	−10.812+.516	9.5	4
10203	2648	4.6	49 33.82*	+2.0336+.0034	+42 42 10.8*	−10.803+.254	10.3	22
10204	12663	6.3	49 52.35	+3.7447+.0212	−30 49 12.1	−10.780+.465	9.7	4
10205	2142	9.0	49 52.94	+6.3161+.1502	−70 50 38.1	−10.779+.781	9.6	4
10206	1270	7.5	49 56.79	+7.3866+.2399	−75 21 36.9	−10.775+.913	10.0	4
10207	2143	7.8	49 57.87	+6.3181+.1502	−70 51 3.8	−10.773+.781	9.6	4
10208	10512	9.4	49 58.45	+4.1781+.0344	−44 26 55.5	−10.772+.518	9.5	4
10209	10590	7.8	50 1.03	+3.8739+.0248	−35 24 44.4	−10.769+.481	9.9	4
10210	11190	5.6	50 3.54	+3.6224+.0181	−26 0 4.6	−10.766+.450	10.4	4
10211	10513	9.4	50 3.79	+4.1829+.0345	−44 34 3.3	−10.766+.519	10.2	4
10212	10237	6.1	50 5.11	+4.0052+.0287	−39 36 1.1	−10.764+.497	10.1	4
10213	6464	7.2	50 7.46	+5.0204+.0697	−59 56 8.1	−10.762+.622	9.6	4
10214	10651	8.2	50 13.43	+3.6746+.0194	−28 5 47.2	−10.754+.457	10.0	4
10215	11106	7.3	50 14.09	+3.6344+.0184	−26 28 53.6	−10.753+.452	9.9	4
10216	12407	6.5	50 33.91	+3.7649+.0217	−31 31 22.5	−10.729+.468	9.9	4
10217	10456	6.5	50 34.16	+4.3218+.0393	−47 53 51.0	−10.729+,537	9.7	4
10218	3166	5.8	50 36.59	+2.6487+.0036	+20 34 27.6	−10.726+.331	10.5	1
10219	3320	5.9	50 42.18*	+5.4699+.0935	−64 46 37.5*	−10.719+.678	9.8	11
10220	1894	6.7*	50 47.22	+6.5914+.1698	−72 12 12.7	−10.713+.817	9.7	4
10221	7105	7.3	50 55.87	+4.7562+.0568	−56 7 57.2	−10.702+.591	9.9	4
10222	10460	9.5	50 58.32	+4.3004+.0384	−47 22 22.7	−10.699+.535	10.2	4
10223	10826[1]	5.4	51 7.96	+3.8267+.0232	−33 42 12.3	−10.687+.476	9.7	4
10224	10826[2]	5.7	51 8.63	+3.8266+.0232	−33 42 4.9	−10.686+.476	9.9	5,4
10225	10522	9.5	51 13.64	+4.1971+.0346	−44 50 19.6	−10.680+.522	9.6	4
10226	10607	7.0	51 14.46	+3.8842+.0248	−35 39 56.0	−10.679+.484	10.4	4
10227	11714	4.0	51 19.48	+3.6983+.0198	−28 57 6.5	−10.673+.461	9.5	9
10228	10611	6.0	51 29.99	+3.8925+.0250	−35 55 26.2	−10.660+.485	10.2	4
10229	10934	8.2	51 32.11	+4.1046+.0315	−42 21 31.8	−10.657+.511	10.0	4
10230	3326	6.9	51 35.18	+5.4561+.0920	−64 35 43.4	−10.654+.678	10.1	4
10231	5073	7.0	51 39.92	+5.2528+.0807	−62 33 21.6	−10.648+.653	10.2	4
10232	10667	7.2	51 43.80	+3.6591+.0188	−27 22 49.2	−10.643+.457	9.9	4
10233	1683	6.8	51 53.23	+6.8388+.1878	−73 15 26.7	−10.631+.850	9.9	4
10234	10530	9.6	51 57.48	+4.2076+.0348	−45 2 53.7	−10.626+.525	10.1	4
10235	6543	7.3	51 58.48	+4.9195+.0637	−58 28 2.6	−10.625+.613	9.8	4
10236	1510	8.4	52 2.82	+7.1057+.2100	−74 18 9.8	−10.619+.883	9.6	1
10237	10423	7.0	52 8.50	+4.1605+.0332	−43 49 13.7	−10.612+.519	9.6	4
10238	10533	7.1	52 8.70	+4.1776+.0337	−44 15 59.1	−10.612+.521	9.8	4
10239	10535	7.4	52 14.74	+4.1815+.0338	−44 21 29.9	−10.604+.522	9.9	4
10240	2849	3.9	52 17.70	+2.7482+.0043	+15 57 17.2	−10.601+.345	9.9	12,22
10241	12426	7.1	52 19.56	+3.7668+.0214	−31 28 7.0	−10.599+.471	9.7	4
10242	10945	8.2	52 20.19	+4.1114+.0315	−42 28 58.1	−10.598+.513	9.7	4
10243	6889	7.9	52 26.16	+4.6523+.0516	−54 18 46.2	−10.590+.580	9.9	4
10244	12597	6.7	52 27.71	+3.5604+.0164	−23 16 1.6	−10.588+.445	10.0	4
10245	10538	8.3	52 31.82	+4.1956+.0342	−44 41 53.0	−10.583+.524	9.5	4
10246	10620	6.9	52 35.62	+3.9355+.0260	−37 14 39.0	−10.579+.492	10.0	4
10247	7150	7.8	52 41.39	+4.7915+.0575	−56 33 10.8	−10.572+.598	9.7	4
10248	2866	7.4	52 48.64	+5.6963+.1050	−66 35 31.7	−10.563+.710	9.8	4
10249	6913	6.4	52 56.04	+4.6229+.0501	−53 45 47.8	−10.553+.578	10.1	4
10250	6272	8.1	52 56.33	+5.1258+.0732	−61 2 30.4	−10.553+.640	10.2	4

10219S.P. 42ˢ.06, 39″.8, 10.3, 6.

10203 33ˢ.64; 13″.5, 7″.2 included.

No.	Name	Mag.	R. A. 1910	Prec. and Sec. Var.	Decl. 1910	Prec. and Sec. Var.	Epoch.	No. Obs.
		M	h m s	s s	° ′ ″	″ ″		
10251	3765	Var.	15 53 5.38	+5.3544+.0850	-63 31 13.5	-10.542+.668	10.3	4
10252	4302	4.7	53 8.86	+3.3564+.0122	-14 1 13.5	-10.538+.421	9.4	4
10253	12427	5.4	53 10.89	+3.5924+.0170	-24 34 21.5	-10.535+.450	10.2	4
10254	1130	7.7	53 11.53	+7.9914+.2908	-76 59 5.0	-10.534+.996	10.0	4
10255	10783	7.4	53 12.10	+3.9766+.0271	-38 29 24.1	-10.534+.498	9.9	4
10256	10478	5.1	53 22.21	+4.0785+.0302	-41 29 12.2	-10.521+.511	10.0	4
10257	11228	3.0	53 24.29	+3.6238+.0177	-25 51 20.2	-10.518+.454	9.9	16,19
10258	11309	7.1	53 37.02	+3.8048+.0222	-32 45 16.1	-10.503+.477	9.9	4
10259	10554	9.1	53 48.28	+4.2010+.0340	-44 44 12.6	-10.489+.526	9.6	4
10260	2558	4.2	53 51.68	+2.4887+.0029	+27 8 16.5	-10.484+.314	9.7	7,9
10261	10113	6.3	53 52.89	+4.0419+.0289	-40 23 47.4	-10.483+.507	9.8	4
10262	10640	7.6	53 56.08	+3.8878+.0244	-35 35 14.6	-10.479+.488	10.2	4
10263	10556	9.2	53 56.53	+4.2067+.0342	-44 52 14.4	-10.478+.527	10.2	4
10264	10059	9.8	53 58.48*	+4.4437+.0426	-50 16 27.1*	-10.476+.557	10.4	4,3
10265	11140	7.1	53 58.66	+3.6471+.0182	-26 45 33.7	-10.476+.458	10.2	4
10266	10373	7.7	54 3.06	+4.2199+.0346	-45 11 37.5	-10.470+.529	10.2	4
10267	12159	7.2	54 3.66	+3.7259+.0201	-29 49 34.8	-10.469+.468	10.2	4
10268	12160	7.2	54 3.70	+3.7140+.0198	-29 22 30.4	-10.469+.466	10.2	4
10269	6922	6.2	54 5.33	+4.6599+.0511	-54 19 18.2	-10.467+.584	10.4	4
10270	10452	7.6	54 6.42	+4.1567+.0325	-43 34 0.5	-10.466+.521	10.2	4
10271	10797	3.8	54 9.20	+3.9676+.0266	-38 8 24.4	-10.463+.498	9.7	15
10272	12442	7.4	54 9.49	+3.7732+.0213	-31 34 42.1	-10.462+.474	9.8	4
10273	10797	7.8	54 9.69	+3.9675+.0266	-38 8 10.0	-10.462+.498	9.5	4
10274	10848	7.0	54 10.71	+3.8165+.0224	-33 7 43.2	-10.461+.479	10.0	4
10275	10489	8.7	54 13.15	+4.3226+.0381	-47 38 0.2	-10.458+.542	10.1	4
10276	12723	6.7	54 13.89	+3.7552+.0208	-30 54 40.8	-10.457+.472	9.7	4
10277	10800	7.2	54 22.51	+3.9876+.0272	-38 44 16.1	-10.446+.501	9.6	1
10278	10803	6.7	54 46.45	+3.9916+.0272	-38 49 57.0	-10.416+.502	9.7	4
10279	10378	8.8*	54 47.26	+4.2186+.0343	-45 6 23.7	-10.415+.530	10.0	4
10280	10120	6.5	54 49.06	+4.0369+.0285	-40 10 53.9	-10.413+.507	9.9	4
10281	5122	6.4	54 57.43	+5.2473+.0780	-62 17 17.8	-10.402+.658	9.7	4
10282	4068	2.5	55 0.57	+3.5426+.0158	-22 21 58.4	-10.399+.446	9.8	15,19
10283	7198	6.6	55 15.17	+4.8063+.0568	-56 35 55.5	-10.380+.604	9.7	4
10284	4196	5.5	55 16.44	+3.4062+.0130	-16 16 8.1	-10.379+.429	9.5	6,8
10285	10074	6.8	55 19.77	+4.4780+.0434	-50 52 2.0	-10.375+.563	9.8	4
10286	10075	9.7	55 21.78	+4.4547+.0425	-50 23 48.6	-10.372+.560	10.2	4
10287	1277	7.6	55 32.67	+7.6640+.2526	-76 0 27.3	-10.359+.961	9.9	4
10288	12470	6.4	55 38.58	+3.7776+.0212	-31 38 9.0	-10.351+.476	9.5	4
10289	1902	5.7	55 53.17	+6.6294+.1646	-72 9 13.3	-10.333+.832	9.7	4
10290	5499	7.7	55 53.39	+5.1572+.0728	-61 13 8.6	-10.333+.649	9.9	4
10291	1135	7.7	55 55.59	+8.0500+.2890	-77 2 31.0	-10.330+1.01	9.9	4
10292	10980	7.2	55 58.34	+4.1200+.0308	-42 26 36.7	-10.326+.519	9.9	4
10293	10688	7.6*	55 59.32	+3.8561+.0232	-34 22 27.6	-10.325+.486	9.8	4
10294	10654	7.4	56 2.83	+3.9447+.0256	-37 16 53.0	-10.321+.497	10.0	4
10295	10577	9.3	56 3.31	+4.1955+.0332	-44 25 32.2	-10.320+.529	10.1	4
10296	6348	7.0	56 4.73	+5.0770+.0687	-60 14 50.9	-10.319+.639	10.2	4
10297	10595	7.1	56 11.09	+3.9203+.0249	-36 29 28.4	-10.311+.494	9.6	4
10298	7500[1]	9	56 11.11	+4.8731+.0592	-57 31 23.9	-10.311+.614	9.6	4
10299	7500[2]	4.9	56 12.35	+4.8731+.0592	-57 31 19.9	-10.309+.614	9.6	4
10300	6353	7.9	56 12.67*	+5.0964+.0696	-60 28 34.6	-10.309+.642	9.6	3,4

10264 $58^{s}.50$, $58^{s}.54$, $58^{s}.29$, $58^{s}.60$; $(24''.3)$. 10300 $(12^{s}.26)$.

No.	Name	Mag.	R. A. 1910	Prec. and Sec. Var.	Decl. 1910	Prec. and Sec. Var.	Epoch.	No. Obs.
		M	h m s	s s	° ′ ″	″ ″		
10301	1137	7.5	15 56 12.73	+8.0341+.2866	−76 59 33.0	−10.309+1.01	9.9	4
10302	3096	5.9	56 23.03	+2.9787+.0064	+ 4 40 42.9	−10.296+.377	10.4	11
10303	10512	4.7	56 35.67	+4.3914+.0397	−48 58 45.4	−10.280+.554	9.5	4
10304	6604	6.6	56 35.76	+4.9764+.0637	−58 55 33.6	−10.280+.627	9.5	4
10305	10485	7.6	56 41.31	+4.1498+.0316	−43 11 24.3	−10.273+.524	9.7	4
10306	2610	7.9	56 44.85	+5.9402+.1159	−68 11 13.5	−10.268+.748	9.7	4
10307	11817	6.2	57 4.82	+3.7063+.0192	−28 53 4.9	−10.243+.469	9.4	4
10308	10095	7.9	57 8.68	+4.4708+.0424	−50 35 25.0	−10.238+.565	9.4	4
10309	3101	5.3	57 11.64	+2.6977+.0040	+18 3 59.4*	−10.235+.342	9.8	6,5
10310	12770	7.8	57 13.72	+3.7546+.0203	−30 41 30.7	−10.232+.475	9.7	4
10311	12495	9.0	57 15.00	+3.7882+.0212	−31 54 41.1	−10.231+.479	9.9	4
10312	7015	6.7	57 23.24	+4.6240+.0482	−53 27 39.7	−10.220+.584	9.9	4
10313	10832	5.0	57 24.82	+3.9822+.0264	−38 21 7.6	−10.218+.504	9.8	4
10314	12481	7.2	57 27.10	+3.6029+.0168	−24 45 49.2	−10.215+.456	10.2	4
10315	10608	7.6	57 27.55	+3.9353+.0250	−36 52 59.3	−10.215+.498	9.9	4
10316	11171	7.0*	57 47.33	+3.6454+.0177	−26 27 46.4	−10.190+.462	9.4	4
10317	12505	6.1	57 53.08	+3.7849+.0210	−31 45 2.6	−10.183+.480	9.5	4
10318	11295	5.1	57 54.14	+3.6244+.0172	−25 36 53.7	−10.181+.460	9.9	4
10319	1955	7.1	58 1.88	+6.5543+.1557	−71 41 55.2	−10.172+.828	9.5	4
10320	7018	7.2	58 2.81	+4.7858+.0545	−56 5 32.6	−10.171+.606	9.5	4
10321	11377[1]	8.0	58 4.62	+3.8153+.0217	−32 49 14.3	−10.168+.484	9.9	4
10322	11377[2]	7.8	58 4.71	+3.8154+.0217	−32 49 16.7	−10.168+.484	9.9	4
10323	10299	7.0	58 15.27	+4.4344+.0407	−49 45 59.6	−10.155+.562	9.4	4
10324	10701	7.2	58 18.21	+3.8854+.0235	−35 11 59.3	−10.151+.493	9.5	4
10325	12499	6.0	58 30.27	+3.5974+.0165	−24 28 41.8	−10.136+.457	9.5	4
10326	11386	6.2	58 33.28	+3.8204+.0218	−32 57 54.7	−10.132+.485	9.5	4
10327	10680	6.0	58 40.18	+3.9612+.0255	−37 36 45.9	−10.124+.503	9.5	4
10328	10298	7.0	58 42.27	+4.0129+.0269	−39 11 12.3	−10.121+.509	9.9	4
10329	10681	7.0	58 44.86	+3.9600+.0254	−37 34 5.7	−10.118+.503	9.5	4
10330	4264	8.8	58 46.33	+3.5311+.0151	−21 40 35.8	−10.116+.449	9.5	4
10331	11841	7.7	58 56.37	+3.7040+.0189	−28 41 1.0	−10.103+.471	9.4	4
10332	5187	Var.	59 18.15	+5.3077+.0778	−62 39 58.1	−10.076+.673	9.7	5
10333	2163	7.4	59 35.84	+6.3959+.1422	−70 49 3.2	−10.053+.811	9.5	4
10334	12535	7.1	59 43.59	+3.7732+.0204	−31 12 37.5	−10.044+.480	9.4	4
10335	1906	8.0	59 46.15*	+6.8055+.1715	−72 47 3.3	−10.040+.863	9.8	3,4
10336	12687	7.9	59 56.87	+3.5738+.0159	−23 25 22.6	−10.027+.455	9.9	4
10337	10634	8.7	59 57.96	+3.9408+.0247	−36 52 55.5	−10.026+.502	9.8	4
10338	10137	9.5	16 0 5.94	+4.4788+.0416	−50 32 17.4	−10.016+.570	10.2	4
10339	10625	4.9	0 7.56	+4.2274+.0331	−44 55 46.8	−10.014+.538	9.8	14
10340	7079	6.3	0 11.14	+4.7858+.0534	−55 56 51.4	−10.009+.609	10.0	4
10341	4307	2.9	0 12.10	+3.4839+.0140	−19 33 35.3	−10.008+.444	9.9	32,48
10342	4308	5.1	0 12.48	+3.4839+.0140	−19 33 24.8	−10.007+.444	9.3	1
10343	10189	7.2	0 25.11	+4.0518+.0277	−40 12 21.5	− 9.991+.516	10.2	4
10344	10631	9.4	0 29.08	+4.2169+.0326	−44 38 30.0	− 9.986+.537	10.0	4
10345	5193	7.2	0 30.87	+5.3216+.0776	−62 44 22.5	− 9.984+.677	10.4	4
10346	6642	6.9*	0 34.39	+4.9809+.0615	−58 43 39.5	− 9.980+.634	10.1	4
10347	10642	4.3	0 40.74	+3.9322+.0243	−36 33 28.8	− 9.972+.502	9.9	16
10348	12700	5.9	0 44.19	+3.5734+.0158	−23 21 42.3	− 9.967+.456	10.0	4
10349	3810	8.6	0 48.02	+5.4161+.0822	−63 40 19.0	− 9.962+.689	10.0	4
10350	10554	6.9	0 50.01	+4.3687+.0375	−48 10 45.6	− 9.960+.557	9.9	4

10309 ($56^{m}.5$). 10335 ($45^{s}.48$).

No.	Name	Mag.	R. A. 1910	Prec. and Sec. Var.	Decl. 1910	Prec. and Sec. Var.	Epoch.	No. Obs.
		M	h m s	s s	° ′ ″	″ ″		
10351	10450	7.3	16 0 50.56	+4.2365+.0331	-45 6 11.5	-9.959+.540	10.0	4
10352	5563	7.0	0 58.63	+5.2146+.0721	-61 33 33.4	-9.949+.664	10.0	4
10353	10526	7.3	1 2.38	+4.1110+.0292	-41 49 34.9	-9.944+.525	9.9	4
10354	1522	7.8	1 11.27*	+7.4213+.2179	-75 3 17.2	-9.933+.944	10.2	4
10355	9258	6.8	1 14.59	+4.6041+.0458	-52 50 14.1	-9.929+.587	10.0	4
10356	10567	7.2	1 16.93	+4.2868+.0346	-46 16 56.9	-9.926+.547	10.2	4
10357	10648	5.8	1 20.93	+3.9322+.0241	-36 30 43.6	-9.921+.502	9.4	4
10358	10154	10.3	1 23.16	+4.4932+.0416	-50 44 7.5	-9.918+.573	10.2	4
10359	11425	7.5	1 25.16	+3.8240+.0214	-32 54 17.5	-9.915+.489	10.0	4
10360	10778	8.4	1 26.39	+3.6766+.0179	-27 28 34.4	-9.914+.470	10.4	4
10361	9803	7.4	1 27.84	+4.5274+.0428	-51 23 40.4	-9.912+.578	10.1	4
10362	10931	8.0	1 30.67	+3.8405+.0218	-33 27 58.7	-9.908+.491	9.9	4
10363	4405	4.1	1 32.42	+3.5052+.0143	-20 25 33.8	-9.906+.448	10.0	8
10364	10649	6.8	1 39.59	+3.9318+.0241	-36 28 41.1	-9.897+.503	9.7	4
10365	3456	9.8	1 43.08	+3.0640+.0073	+ 0 25 6.4	-9.893+.393	10.4	1
10366	10463	8.3*	1 53.00	+4.2404+.0330	-45 7 27.4	-9.880+.542	9.7	4
10367	7813	5.8	1 54.27	+4.9115+.0578	-57 41 34.4	-9.878+.627	10.1	4
10368	7114	6.6	1 56.29	+4.7849+.0525	-55 49 4.3	-9.876+.611	10.0	4
10369	5202	6.5	1 56.75	+5.3283+.0769	-62 43 34.7	-9.875+.680	10.0	4
10370	4408	4.6	2 7.48	+3.5105+.0144	-20 37 34.3	-9.862+.450	9.9	8
10371	10742	6.9	2 10.92	+3.9177+.0236	-35 59 25.3	-9.857+.502	9.7	4
10372	5207	7.6	2 24.55	+5.3268+.0765	-62 41 3.2	-9.840+.681	10.0	4
10373	12552	6.2	2 27.61	+3.5964+.0160	-24 13 15.9	-9.836+.461	9.6	4
10374	7345	7.2	2 28.90	+4.8130+.0534	-56 12 52.6	-9.834+.616	9.6	4
10375	5578	8.0	2 29.75	+5.2158+.0711	-61 28 55.5	-9.833+.667	9.5	4
10376	10893	6.4	2 32.23	+4.0111+.0260	-38 51 52.4	-9.830+.514	9.4	4
10377	10894	6.8	2 32.52	+4.0107+.0260	-38 51 8.3	-9.830+.514	9.4	4
10378	10796	7.4*	2 35.47	+3.6787+.0178	-27 29 23.9	-9.826+.472	9.5	4
10379	11369	5.6	2 38.32	+3.6429+.0170	-26 5 10.5	-9.822+.467	9.9	5
10380	10473	8.8	2 41.65	+4.2482+.0330	-45 15 30.7	-9.818+.544	9.7	4
10381	9814	7.8	2 46.69	+4.5575+.0434	-51 52 33.5	-9.812+.584	9.5	4
10382	10661	9.4	2 49.53	+4.2176+.0320	-44 29 39.8	-9.808+.540	9.7	4
10383	10663	9.6	2 57.07	+4.2276+.0322	-44 44 0.8	-9.799+.542	9.6	4
10384	10179	7.6	3 17.11	+4.4891+.0408	-50 31 18.3	-9.773+.576	9.4	4
10385	12731	5.8	3 21.07	+3.5786+.0156	-23 26 44.2	-9.768+.460	9.6	4
10386	7159	7.8	3 22.25	+4.7460+.0503	-55 6 32.3	-9.767+.608	9.5	4
10387	10674	8.9	3 27.03	+4.2224+.0319	-44 34 7.1	-9.760+.542	9.7	4
10388	12603	7.6	3 28.46	+3.7978+.0204	-31 51 15.2	-9.759+.488	9.7	4
10389	7162	7.3	3 33.71	+4.7928+.0520	-55 50 4.8	-9.752+.615	9.9	4
10390	10573	9.1	3 44.87	+4.3551+.0361	-47 40 29.4	-9.738+.559	10.1	4
10391	12880	7.2	3 47.35	+3.7693+.0196	-30 48 48.3	-9.734+.484	10.0	4
10392	11456[1]	6.7	3 47.68	+3.8142+.0207	-32 24 37.6	-9.734+.490	9.8	4
10393	11456[2]	7.5	3 48.33*	+3.8142+.0207	-32 24 36.6	-9.733+.490	9.8	3,4
10394	10679	9.4	3 52.03	+4.2138+.0316	-44 19 30.2	-9.729+.541	10.0	4
10395	2964	5.3	4 0.78	+2.7088+.0041	+17 17 9.4	-9.718+.350	10.1	10
10396	10338	7.1	4 4.99	+4.0497+.0267	-39 53 30.4	-9.712+.521	9.6	4
10397	10961	5.6	4 6.18	+3.8407+.0213	-33 18 27.0	-9.711+.494	9.6	10
10398	10772	7.2*	4 8.08	+3.9036+.0229	-35 24 12.9	-9.708+.502	9.7	4
10399	5591	7.4	4 27.58	+5.2451+.0711	-61 41 37.1	-9.683+.674	9.9	4
10400	10197	7.2	4 29.62	+4.4824+.0401	-50 18 27.1	-9.681+.576	9.6	4

10354 $10^s.72$, $11^s.33$, $11^s.45$, $11^s.57$. 10393 ($48^s.57$).

No.	Name	Mag.	R. A. 1910	Prec. and Sec. Var.	Decl. 1910	Prec. and Sec. Var.	Epoch.	No. Obs.
		M	h m s	s s	° ′ ″	″ ″		
10401	12577	6.6	16 4 45.11	+3.6024+.0159	−24 20 43.2	−9.661+.464	9.7	4
10402	11240	6.7	4 45.86	+3.6608+.0171	−26 40 19.5	−9.660+.472	9.5	4
10403	10248	9.3*	4 48.98	+4.0622+.0269	−40 12 3.6	−9.656+.523	9.7	4
10404	7185	6.8	4 53.71	+4.6918+.0475	−54 7 5.1	−9.650+.604	9.5	4
10405	10500	6.7	4 55.98	+4.2480+.0323	−45 5 48.5	−9.647+.547	9.5	4
10406	4287	6.9	5 0.35	+3.5440+.0147	−21 55 14.4	−9.641+.457	9.9	4
10407	10346	7.9	5 4.26	+4.0520+.0266	−39 53 26.5	−9.636+.522	9.9	4
10408	3412	7.7	5 4.47	+5.5575+.0860	−64 45 8.7	−9.636+.715	9.9	4
10409	2911	8.1	5 8.22	+5.8128+.0996	−66 50 35.7	−9.631+.747	9.7	4
10410	10251	6.2	5 9.34	+4.0872+.0275	−40 52 54.5	−9.630+.527	9.9	4
10411	11407	11.0	5 13.08	+3.6353+.0165	−25 38 42.3	−9.625+.469	9.3	1
10412	12343	5.2	5 26.37	+3.7275+.0184	−29 10 45.3	−9.608+.481	10.0	4
10413	12634	8.3	5 33.33	+3.7929+.0199	−31 33 7.7	−9.599+.490	9.8	4
10414	12637	9.6	5 51.44	+3.7935+.0199	−31 33 9.0	−9.576+.490	9.3	1
10415	2376	4.3	5 56.01	+1.8912+.0045	+45 10 14.3	−9.570+.246	10.0	9
10416	7226	7.6	5 58.21	+4.6965+.0472	−54 7 40.7	−9.567+.606	9.5	4
10417	11247	6.8	6 2.72	+3.6688+.0171	−26 54 59.9	−9.562+.474	10.1	4
10418	11249	8.1	6 5.50	+3.6671+.0170	−26 50 41.9	−9.558+.474	10.1	4
10419	7229	6.0	6 12.39	+4.7700+.0498	−55 18 29.0	−9.549+.616	9.9	4
10420	10228	7.7	6 14.76	+4.5151+.0405	−50 50 2.5	−9.546+.583	9.9	4
10421	7413	6.0	6 15.96	+4.6572+.0456	−53 26 21.3	−9.545+.601	9.9	4
10422	7245	5.1	6 22.49	+4.7143+.0476	−54 23 53.8	−9.536+.608	9.5	11
10423	11424	7.7*	6 24.02	+3.6370+.0164	−25 38 56.5	−9.534+.470	10.5	4
10424	10402	7.1	6 29.34	+4.4567+.0385	−49 39 8.8	−9.528+.576	10.2	4
10425	7691	7.3	6 38.23	+4.9410+.0564	−57 48 31.8	−9.516+.638	10.2	4
10426	11962	5.7	6 42.12	+3.7029+.0177	−28 11 2.3	−9.511+.479	10.4	4
10427	10841	4.7	6 45.41	+3.6900+.0174	−27 41 36.4	−9.507+.478	10.0	10
10428	4333	4.3	6 45.76	+3.4829+.0134	−19 13 38.9*	−9.506+.451	9.9	11,16
10429	10519	8.6	6 46.20	+4.2731+.0325	−45 34 44.8	−9.506+.552	9.9	4
10430	1092	4.8	6 51.89*	+8.8416+.3346	−78 28 13.3*	−9.498+1.14	10.0	20
10431	10616	7.6	6 55.01	+4.2029+.0304	−43 50 32.4	−9.495+.544	10.5	4
10432	1093	5.2	6 58.90*	+8.8289+.3330	−78 26 32.6*	−9.490+1.14	9.7	10
10433	12362	8.0	7 1.42	+3.7500+.0187	−29 55 11.7	−9.486+.486	9.3	1
10434	10522	9.0	7 8.41	+4.2745+.0324	−45 35 10.0	−9.477+.553	9.9	4
10435	3854	4.0	7 14.29	+5.4305+.0778	−63 27 23.7	−9.470+.702	9.9	14
10436	10851	8.0	7 17.20	+3.6963+.0175	−27 54 4.6	−9.466+.479	10.0	4
10437	11001	7.5*	7 23.18	+3.8696+.0214	−34 4 33.7	−9.458+.501	9.8	4
10438	2181	7.3	7 27.42	+6.4499+.1349	−70 45 52.3	−9.453+.833	10.2	4
10439	10625	7.0	7 28.93	+4.4142+.0367	−48 42 9.7	−9.451+.572	9.8	4
10440	10525	8.2	7 41.28	+4.2785+.0324	−45 38 40.6	−9.435+.554	9.9	4
10441	7457	8.0	7 49.63	+4.8305+.0514	−56 8 25.0	−9.424+.626	9.7	4
10442	1920	6.9	7 57.10	+6.8881+.1636	−72 49 3.4	−9.415+.891	10.0	4
10443	11981	7.4	8 2.88	+3.7220+.0180	−28 49 35.6	−9.407+.483	9.5	4
10444	3054	6.2	8 6.28	+5.9521+.1042	−67 42 45.7	−9.403+.770	9.5	4
10445	12380	7.8	8 12.41	+3.7536+.0186	−29 58 54.8	−9.395+.487	9.9	4
10446	12623	6.3	8 20.63	+3.6030+.0155	−24 11 32.5	−9.384+.468	9.5	4
10447	4305	6.7*	8 22.83	+3.5299+.0141	−21 10 15.4	−9.382+.459	10.0	4
10448	7716	5.9	8 23.16	+4.9396+.0554	−57 41 1.6	−9.381+.640	9.7	4
10449	10531	7.7	8 29.51	+4.2857+.0324	−45 45 46.9	−9.373+.556	9.7	4
10450	12689	6.6	8 30.14	+3.7944+.0195	−31 25 42.4	−9.372+.493	9.8	4

10430S.P. 51^s.84, 13″.6, 10.0, 9, 8; (16″.2). 10432S.P. 58^s.80, 33″.1, 10.0, 5.

10428 (41″.1).

No.	Name	Mag.	R. A. 1910	Prec. and Sec. Var.	Decl. 1910	Prec. and Sec. Var.	Epoch.	No. Obs.
		M	h m s	s s	° ′ ″	″ ″		
10451	11525	6.1	16 8 36.58	+3.8335+.0203	−32 46 55.8	−9.364+.498	9.5	4
10452	10611	5.4	8 43.01	+4.3464+.0342	−47 8 36.0	−9.356+.564	9.7	4
10453	682	7.0	8 45.40	+11.865+.7002	−82 20 35.5	−9.352+1.53	9.4	4
10454	10367	7.0	8 52.86	+4.0437+.0255	−39 23 57.9	−9.343+.526	9.8	4
10455	11132	6.2	9 8.26	+4.1632+.0286	−42 40 20.7	−9.323+.541	9.9	4
10456	10619	8.6	9 18.29	+4.3572+.0343	−47 20 51.4	−9.310+.566	9.5	4
10457	1713	7.4	9 19.30	+7.2231+.1854	−74 5 2.4	−9.309+.937	9.7	4
10458	11453	6.2	9 26.06	+3.6308+.0159	−25 14 57.3	−9.300+.473	9.9	4
10459	4127	7.1	9 32.93	+3.5546+.0144	−22 9 9.9	−9.291+.463	9.8	4
10460	3903	3.0	9 37.67	+3.1442+.0080	− 3 27 47.8	−9.285+.410	10.0	46,70
10461	7594	5.9	9 40.26	+4.6783+.0448	−53 35 9.6	−9.282+.608	9.8	4
10462	11273	7.5	9 47.97	+3.6757+.0167	−26 58 49.9	−9.272+.479	9.8	4
10463	10545	8.3*	9 51.93	+4.2643+.0313	−45 9 46.1	−9.267+.555	10.2	4
10464	11144	6.9	9 52.08	+4.1737+.0287	−42 53 58.8	−9.266+.544	9.9	4
10465	7607	6.8	9 57.19	+4.6725+.0445	−53 28 8.9	−9.260+.608	9.9	4
10466	10474	5.0	10 16.30	+4.4783+.0378	−49 50 38.1	−9.235+.583	9.7	4
10467	9469	6.4	10 22.16	+4.6390+.0432	−52 51 40.4	−9.228+.604	9.7	4
10468	12986	7.5	10 23.90	+3.7685+.0186	−30 23 46.8	−9.225+.492	9.5	4
10469	7769	7.5	10 25.47	+4.9506+.0547	−57 42 55.7	−9.223+.645	9.9	4
10470	767	7.4	10 30.74	+11.254+.6024	−81 44 48.0	−9.216+1.46	9.4	4
10471	10616	7.9	10 31.03	+4.3464+.0336	−47 1 38.5	−9.216+.567	9.5	4
10472	7650	7.6	10 46.68	+4.6674+.0440	−53 19 49.8	−9.196+.608	9.7	4
10473	1294	8.2	10 51.21	+7.6520+.2153	−75 27 37.8	−9.190+.995	9.5	4
10474	6733	7.2	10 55.74	+4.9860+.0558	−58 10 6.4	−9.184+.650	9.7	4
10475	12816	6.6	11 1.92	+3.6030+.0151	−24 3 28.3	−9.176+.471	9.8	4
10476	1296	7.0	11 7.76	+7.7542+.2229	−75 45 23.0	−9.168+1.01	9.5	4
10477	12411	7.6	11 14.68	+3.7456+.0180	−29 31 12.8	−9.160+.490	9.8	4
10478	10551	9.0	11 16.14	+4.2707+.0311	−45 13 30.4	−9.158+.558	10.1	4
10479	2750[1]	6.9	11 18.28	+2.2680+.0031	+34 5 6.1	−9.155+.298	10.5	1
10480	2750[2]	5.8	11 18.51*	+2.2680+.0031	+34 5 10.3*	−9.154+.298	10.1	17,16
10481	7821	Var.	11 24.05	+4.9520+.0542	−57 40 42.0	−9.147+.646	9.6	4
10482	2664	7.4	11 24.27	+6.0633+.1068	−68 18 59.6	−9.147+.790	10.1	4
10483	10554	8.5	11 31.50	+4.2864+.0316	−45 34 53.5	−9.138+.560	9.6	4
10484	1985	7.2	11 32.93	+6.6599+.1425	−71 39 17.0	−9.136+.868	9.9	4
10485	10911[1]	8.2	11 35.00	+3.8931+.0212	−34 35 52.9	−9.133+.509	10.1	4
10486	10911[2]	8.4	11 35.43	+3.8932+.0212	−34 35 55.5	−9.132+.509	10.1	4
10487	3442	7.0	11 37.10	+5.5588+.0805	−64 25 40.4	−9.130+.725	9.8	4
10488	604	7.9	11 55.75	+13.337+.9010	−83 23 1.4	−9.106+1.74	9.4	4
10489	10556	9.1	11 55.95	+4.2891+.0314	−45 37 7.9	−9.106+.561	9.9	4
10490	10513	7.6	11 57.18	+4.4515+.0363	−49 11 33.7	−9.104+.582	9.7	4
10491	2521	8.6	12 2.69	+6.2581+.1172	−69 30 9.8	−9.097+.817	9.9	4
10492	7454	7.2	12 11.79	+4.7298+.0455	−54 17 27.0	−9.085+.619	9.5	4
10493	605	9.0	12 17.77	+13.310+.8930	−83 21 39.4	−9.078+1.73	9.4	1
10494	10525	7.4	12 20.39	+4.4524+.0362	−49 11 9.3	−9.074+.583	9.7	4
10495	10524	8.2	12 20.96	+4.4893+.0374	−49 55 57.2	−9.073+.588	9.6	4
10496	10921	7.5	12 22.72	+3.8975+.0211	−34 41 36.9	−9.071+.511	9.7	4
10497	10727	7.7	12 24.49	+3.9495+.0223	−36 20 44.7	−9.069+.517	9.5	4
10498	10893	6.8	12 42.38	+3.7019+.0168	−27 49 13.9	−9.046+.486	9.8	4
10499	12037	4.9	12 42.81	+3.7171+.0172	−28 23 27.7	−9.045+.488	10.0	4
10500	10383	6.7	12 52.94	+4.5362+.0387	−50 48 55.2	−9.032+.594	9.7	4

10480 (7″.7).

No.	Name	Mag.	R. A. 1910	Prec. and Sec. Var.	Decl. 1910	Prec. and Sec. Var.	Epoch.	No. Obs.
		M	h m s	s s	° ′ ″	″ ″		
10501	11188	5.6	16 13 1.64	+4.1644+.0276	−42 27 15.5	−9.021+.546	9.8	4
10502	10768	9.6	13 3.28	+4.2425+.0298	−44 25 45.3	−9.018+.556	10.2	4
10503	10309	8.9	13 5.23	+4.0956+.0258	−40 36 3.8	−9.016+.537	9.9	4
10504	10536	4.1	13 6.08	+4.4918+.0372	−49 56 7.4*	−9.015+.589	9.9	15
10505	7493	5.9	13 13.53	+4.7727+.0466	−54 55 16.1	−9.005+.626	10.1	4
10506	10877	6.7	13 23.96	+3.9173+.0214	−35 16 16.3	−8.991+.514	9.7	4
10507	10024	9.6	13 26.59	+4.5618+.0393	−51 15 58.2	−8.988+.598	9.7	4
10508	4086	3.3	13 33.47	+3.1660+.0081	− 4 28 25.7	−8.979+.416	9.8	41,49
10509	10902	7.7	13 33.48	+3.7097+.0169	−28 4 6.5	−8.979+.487	9.6	4
10510	7520	7.9	13 48.34	+4.7607+.0459	−54 41 47.2	−8.960+.625	10.0	4
10511	10317	7.8	13 49.43	+4.0971+.0257	−40 35 50.6	−8.958+.538	10.0	4
10512	13040	7.7	13 49.81	+3.7819+.0183	−30 41 3.1	−8.958+.497	9.9	4
10513	13041	5.4	13 50.95	+3.7821+.0183	−30 41 20.5	−8.956+.497	10.2	16
10514	11473	8.4	13 54.48	+3.6439+.0156	−25 32 28.9	−8.952+.479	10.2	4
10515	10584	9.0	14 4.92	+4.2937+.0309	−45 35 29.4	−8.938+.564	9.7	4
10516	2940	6.8*	14 5.09	+5.8464+.0925	−66 40 20.3	−8.938+.767	10.0	4
10517	10701	9.8	14 5.95	+4.2253+.0290	−43 56 20.0	−8.937+.555	10.2	4
10518	10410	7.1	14 6.77	+4.0511+.0245	−39 16 57.2	−8.936+.532	10.0	4
10519	10411	7.1	14 8.49	+4.0557+.0246	−39 24 47.0	−8.933+.533	10.0	4
10520	9621	7.8	14 15.43	+4.6182+.0408	−52 15 11.0	−8.924+.607	10.0	4
10521	10784	9.5	14 24.19	+4.2396+.0293	−44 16 23.6	−8.913+.557	9.9	4
10522	10412	6.2	14 27.24	+4.0493+.0243	−39 12 45.2	−8.909+.533	10.0	4
10523	2536	6.9	14 28.50	+6.3495+.1194	−69 55 49.7	−8.907+.833	10.0	4
10524	7462	7.1	14 40.34	+4.8046+.0470	−55 20 7.8	−8.892+.632	9.6	4
10525	5299	7.5	14 41.65	+5.3593+.0690	−62 21 18.1	−8.890+.704	9.7	4
10526	10054	7.0	14 43.32	+4.5803+.0394	−51 32 1.4	−8.888+.602	9.7	4
10527	11478	9.4	14 46.66	+3.6421+.0154	−25 25 42.7	−8.884+.480	9.8	4
10528	10677	6.7	14 49.55	+4.4019+.0338	−47 58 21.2	−8.880+.579	9.9	4
10529	12459	7.6	14 56.03	+3.7450+.0174	−29 17 54.2	−8.871+.493	9.5	4
10530	10594	9.0	15 9.43	+4.2941+.0306	−45 32 8.2	−8.854+.565	9.8	4
10531	10796	7.0	15 9.88	+4.2603+.0297	−44 43 47.0	−8.853+.561	10.0	4
10532	9668	7.8	15 10.80	+4.6358+.0410	−52 30 43.2	−8.852+.610	10.0	4
10533	10071	10.0	15 11.29	+4.5716+.0389	−51 20 42.6	−8.851+.602	10.2	4
10534	12849	4.8	15 13.11	+3.6052+.0147	−23 57 11.2	−8.849+.475	9.9	4
10535	4341	7.1	15 23.38	+3.5481+.0136	−21 37 29.4	−8.836+.468	9.8	4
10536	10802	8.7	15 30.43	+4.2558+.0294	−44 36 2.8	−8.826+.561	9.7	4
10537	10619	7.6*	15 31.71	+4.1450+.0265	−41 47 20.0	−8.825+.546	9.8	4
10538	11648	7.3	15 38.48	+3.8545+.0196	−33 5 9.9	−8.816+.508	9.5	4
10539	10804	9.6	15 39.46	+4.2618+.0296	−44 44 13.2	−8.814+.562	10.0	4
10540	11485	3.1	15 42.94	+3.6420+.0152	−25 22 39.2	−8.810+.481	9.9	18,21
10541	10591	5.5	15 44.22	+4.4711+.0356	−49 21 29.0	−8.808+.589	9.5	4
10542	11651	7.4	15 46.60	+3.8528+.0195	−33 1 12.2	−8.805+.508	9.5	4
10543	12852	7.0	15 55.13	+3.5945+.0144	−23 29 34.4	−8.794+.475	9.5	4
10544	10724	6.0	16 8.08	+4.2206+.0283	−43 41 55.0	−8.777+.557	9.4	4
10545	6777	7.2	16 26.88	+5.0263+.0543	−58 23 33.5	−8.752+.663	9.4	4
10546	10099	9.2	16 28.24	+4.5728+.0385	−51 17 24.5	−8.750+.604	9.4	4
10547	2169	3.9	17 2.07	+1.8028+.0051	+46 31 38.2	−8.706+.240	10.2	17
10548	7624	7.9	17 3.03	+4.7923+.0455	−55 0 32.2	−8.705+.633	9.5	4
10549	10771	6.9*	17 8.34	+3.9868+.0222	−37 12 42.8	−8.698+.527	9.5	4
10550	5325	6.3	17 10.98	+5.4273+.0701	−62 54 57.9	−8.694+.717	9.9	7

10504 9″.2 included.

No.	Name	Mag.	R. A. 1910	Prec. and Sec. Var.	Decl. 1910	Prec. and Sec. Var.	Epoch.	No. Obs.
		M	h m s	s s	° ′ ″	″ ″		
10551	7632	8.1	16 17 12.34	+4.7617+.0444	−54 30 55.5	−8.693+.629	9.9	4
10552	1946	8.4	17 12.71	+6.9820+.1543	−72 52 46.4	−8.692+.921	9.5	4
10553	10966	7.3	17 19.07	+3.9069+.0204	−34 42 45.1	−8.684+.517	9.5	4
10554	1947	7.9	17 25.49	+6.9682+.1530	−72 48 55.0	−8.676+.920	9.5	4
10555	10341	7.5	17 28.55	+4.1149+.0252	−40 51 47.1	−8.671+.545	9.7	4
10556	10342	7.7	17 33.63*	+4.1214+.0254	−41 2 9.1*	−8.665+.545	9.8	5
10557	10753	8.4	17 50.40	+3.9564+.0214	−36 14 27.6	−8.643+.524	9.9	4
10558	10983	5.4	17 55.31	+4.0486+.0235	−38 58 59.6	−8.636+.536	9.4	8
10559	3086	3.8	17 56.98	+2.6486+.0038	+19 21 49.9	−8.634+.352	9.6	10,12
10560	2553	6.6	18 4.14	+6.2349+.1086	−69 7 8.7	−8.625+.824	9.8	4
10561	10622	7.8	18 6.57	+4.3063+.0301	−45 38 28.1	−8.621+.570	9.9	4
10562	11687[1]	7.1	18 8.95	+3.8558+.0192	−32 59 20.4	−8.618+.511	10.1	4
10563	11687[2]	7.6	18 9.22	+3.8558+.0192	−32 59 25.8	−8.618+.511	10.1	4
10564	10504	8.0	18 12.14	+4.5385+.0367	−50 32 23.0	−8.614+.601	9.8	4
10565	10834	7.8	18 14.30	+4.2781+.0293	−44 58 17.0	−8.611+.567	9.8	4
10566	2555	7.4	18 19.14	+6.3277+.1133	−69 39 19.6	−8.605+.837	10.2	4
10567	10144	9.2	18 25.87	+4.5810+.0380	−51 19 42.2	−8.596+.607	10.0	4
10568	1546	7.3	18 25.94	+7.5788+.1930	−75 0 6.8	−8.596+1.00	10.4	4
10569	10508	8.5	18 26.16	+4.5390+.0367	−50 32 14.1	−8.596+.601	9.8	4
10570	10633	6.5	18 27.02	+4.2858+.0294	−45 8 26.3	−8.594+.568	10.4	4
10571	10778	5.4	18 31.44	+3.9943+.0221	−37 21 23.4	−8.589+.530	9.6	9
10572	10759	10.0	18 32.76	+4.2408+.0282	−44 3 6.1	−8.587+.562	10.2	4
10573	10979	7.5	18 38.16	+3.9172+.0204	−34 57 58.7	−8.580+.520	10.2	4
10574	2558	4.9	18 46.60*	+6.3708+.1151	−69 52 56.8*	−8.569+.843	9.7	11
10575	10981	7.1	18 51.14	+3.9088+.0202	−34 41 6.8	−8.563+.519	10.2	4
10576	10367	9.0	18 53.90	+4.1023+.0246	−40 26 7.3	−8.559+.544	10.2	4
10577	11327	7.3	18 58.07	+3.6868+.0157	−26 56 31.6	−8.554+.490	10.2	4
10578	12513[1]	6.6	19 0.38	+3.7562+.0170	−29 29 33.8	−8.550+.499	10.2	4
10579	12513[2]	5.9	19 0.46	+3.7562+.0170	−29 29 40.3	−8.550+.499	9.9	4
10580	10927	8.1	19 7.24	+3.9488+.0210	−35 56 8.6	−8.541+.524	9.9	4
10581	10640	8.5	19 18.28	+4.2963+.0294	−45 20 9.8	−8.527+.570	9.4	4
10582	2233	7.1	19 19.41	+6.5693+.1257	−70 55 11.4	−8.525+.870	9.5	4
10583	12856	7.2*	19 21.46	+3.8055+.0179	−31 12 50.7	−8.523+.506	10.1	4
10584	10388	9.1	19 26.69	+4.1086+.0246	−40 34 32.1	−8.516+.546	10.1	4
10585	3923	5.3	19 35.27	+5.5378+.0730	−63 51 15.3	−8.504+.735	9.5	4
10586	8015	7.5	19 36.76	+5.0030+.0516	−57 54 55.6	−8.503+.664	10.0	4
10587	1103	3.9	19 36.88*	+9.1272+.3174	−78 41 47.3*	−8.502+1.21	9.9	47,45
10588	10851	9.0	19 36.94	+4.2626+.0284	−44 31 5.3	−8.502+.566	10.0	4
10589	10649	7.6	19 50.76	+4.3083+.0296	−45 35 8.1	−8.484+.573	10.0	4
10590	12863	7.5	19 51.71	+3.8253+.0182	−31 52 9.7	−8.483+.509	10.0	4
10591	11167	8.0	19 56.15	+3.8699+.0191	−33 21 38.4	−8.477+.515	10.2	4
10592	12864	7.9	19 57.16	+3.8146+.0180	−31 29 47.6	−8.476+.508	10.2	4
10593	12860	6.6	20 0.32	+3.5930+.0139	−23 15 12.1	−8.471+.478	10.1	4
10594	12529	7.6	20 1.04	+3.7493+.0167	−29 11 38.1	−8.470+.499	9.8	4
10595	12531	7.8	20 8.92	+3.7640+.0170	−29 42 52.7	−8.460+.501	10.2	4
10596	10181	8.7	20 9.02	+4.5997+.0379	−51 34 24.4	−8.460+.612	10.2	4
10597	12861[1]	5.2	20 11.11	+3.5928+.0138	−23 14 22.6	−8.457+.478	9.5	8
10598	12861[2]	5.9	20 11.16	+3.5928+.0138	−23 14 26.4*	−8.457+.478	9.5	9
10599	12862	7.1	20 11.24	+3.5918+.0138	−23 11 55.4	−8.457+.478	10.2	4
10600	10752	7.4	20 11.57	+4.4106+.0323	−47 50 20.9	−8.456+.586	10.2	4

10574 S.P. 46^{s}.55, 57$^{''}$.1, 10.3, 5.

10556 Mean.

10587 S.P. 36^{s}.86, 47$^{''}$.3, 10.0, 44, 42.

10598 24$^{''}$.6 included.

No.	Name	Mag.	R. A. 1910	Prec. and Sec. Var.	Decl. 1910	Prec. and Sec. Var.	Epoch.	No. Obs.
		M	h m s	s s	° ′ ″	″ ″		
10601	10989	8.1*	16 20 16.03	+3.9140+.0200	−34 46 31.1	−8.451+.521	9.5	4
10602	11336	8.2	20 19.49	+3.6732+.0152	−26 21 44.3	−8.446+.489	10.2	4
10603	10189	9.5	20 30.83	+4.5991+.0377	−51 32 35.1	−8.431+.612	10.3	1
10604	10764	7.8	20 33.75	+4.3886+.0316	−47 20 39.7	−8.427+.584	9.4	4
10605	10765	4.7	20 34.76	+4.3889+.0316	−47 21 1.7	−8.426+.584	9.4	4
10606	6800	5.8	20 39.39	+5.0436+.0525	−58 23 45.8	−8.420+.671	9.4	4
10607	142	8.3	21 3.34	+77.252+37.61	−89 3 45.3	−8.388+10.2	9.4	4
10608	10437	8.5	21 6.68	+4.0774+.0235	−39 37 6.5	−8.384+.544	9.6	4
10609	1312	7.7	21 12.78	+7.8544+.2068	−75 45 11.1	−8.376+1.04	9.4	4
10610	3049	4.5	21 15.74	+2.7644+.0044	+14 14 22.8	−8.372+.370	9.8	6
10611	10877	9.2	21 26.91	+4.2500+.0276	−44 6 25.9	−8.357+.567	9.6	1
10612	10665	7.1	21 27.99	+4.3326+.0297	−46 2 51.2	−8.355+.578	9.4	4
10613	11005	10.1	21 37.00	+3.9015+.0195	−34 18 10.2	−8.344+.521	9.5	4
10614	10881	9.5	21 45.35	+4.2500+.0275	−44 5 20.8	−8.332+.567	9.5	4
10615	10768	7.8	21 45.37	+4.3363+.0298	−46 6 59.3	−8.332+.578	9.4	4
10616	12551	6.9	21 51.69	+3.7488+.0164	−29 5 7.7	−8.324+.501	9.4	4
10617	4360	7.6	21 53.57	+3.5617+.0131	−21 55 0.0	−8.322+.476	9.5	4
10618	8035	6.0	22 14.39	+4.9864+.0496	−57 33 22.8	−8.294+.665	9.9	7
10619	10783	5.9	22 14.49	+3.9886+.0212	−36 58 40.1	−8.294+.533	9.5	4
10620	10888	7.9	22 21.60	+4.2824+.0282	−44 49 58.9	−8.284+.572	9.7	4
10621	10889	7.4	22 24.15	+4.2732+.0279	−44 36 43.2	−8.281+.571	9.7	4
10622	10891	10.2	22 28.19	+4.2536+.0274	−44 8 15.4	−8.276+.568	9.5	4
10623	11513	6.8	22 46.08	+3.6470+.0145	−25 15 13.1	−8.252+.488	9.8	4
10624	9884	8.2	22 46.55	+4.6430+.0381	−52 12 20.1	−8.251+.620	9.7	4
10625	5701	5.1	22 49.11	+5.3098+.0612	−61 26 6.2	−8.248+.709	9.6	4
10626	10894	9.7	22 54.68	+4.2602+.0274	−44 16 15.1	−8.240+.570	9.7	4
10627	10697	5.5	23 10.80	+4.3367+.0293	−46 2 39.0	−8.219+.580	9.5	4
10628	9899	7.2	23 15.92	+4.6466+.0380	−52 14 32.6	−8.212+.622	9.5	4
10629	3507	6.6	23 17.33	+5.6031+.0728	−64 16 34.4	−8.210+.749	9.6	4
10630	10451	7.2	23 27.51	+4.1294+.0241	−40 54 42.2	−8.197+.553	9.5	4
10631	10903	9.4	23 30.66*	+4.2843+.0279	−44 48 50.3	−8.192+.574	9.9	4
10632	11202	7.4	23 38.94	+3.8685+.0184	−33 7 22.5	−8.181+.518	9.5	4
10633	11008	9.7	23 39.66	+4.0365+.0220	−38 18 44.2	−8.180+.541	9.5	1
10634	5362	7.5	23 44.86	+5.3766+.0632	−62 5 38.6	−8.174+.719	9.6	4
10635	10811	9.4	23 47.42	+4.4259+.0315	−47 57 31.6	−8.170+.593	10.0	4
10636	10909	9.2*	23 50.58	+4.2922+.0280	−44 58 49.7	−8.166+.575	9.9	4
10637	1217	7.7	23 52.31	+8.4243+.2435	−77 9 9.5	−8.164+1.13	9.9	4
10638	11359	1.2	23 53.22	+3.6740+.0148	−26 13 58.8	−8.162+.493	9.9	21,29
10639	10840	7.9	24 1.47	+4.2482+.0268	−43 55 5.3	−8.151+.569	9.9	4
10640	10608	7.7	24 1.73	+4.5681+.0354	−50 46 24.4	−8.151+.612	9.7	4
10641	10912	9.3	24 15.52	+4.2779+.0275	−44 37 9.6	−8.133+.573	10.0	4
10642	2256	5.5	24 22.66	+6.5799+.1192	−70 47 40.6	−8.123+.880	9.8	4
10643	10915	9.5	24 24.83	+4.2608+.0270	−44 12 7.0	−8.120+.571	9.9	4
10644	12693	7.8	24 26.67	+3.6362+.0141	−24 45 55.2	−8.118+.488	9.6	1
10645	12694	7.4*	24 31.02	+3.6411+.0141	−24 56 59.5	−8.112+.489	10.2	4
10646	10916	9.6	24 33.96	+4.2872+.0276	−44 49 19.4	−8.108+.575	9.9	4
10647	10967	6.8	24 40.76	+3.7148+.0154	−27 43 9.0	−8.099+.499	9.6	4
10648	12695	4.9	24 44.22	+3.6405+.0141	−24 55 3.9	−8.094+.489	10.0	8
10649	3955	7.4	24 50.32	+5.5406+.0690	−63 38 37.2*	−8.086+.742	9.6	4,3
10650	11043	7.0	25 18.70	+3.9024+.0188	−34 8 15.4	−8.048+.524	9.8	4

10631 $30^s.72$, $30^s.50$, $30^s.70$, $30^s.72$. 10649 (40″.0).

No.	Name	Mag.	R. A. 1910	Prec. and Sec. Var.	Decl. 1910	Prec. and Sec. Var.	Epoch.	No. Obs.
		M	h m s	s s	° ′ ″	″ ″		
10651	10924	9.7	16 25 19.12	+4.2798+.0272	−44 36 23.6	−8.048+.575	9.7	4
10652	10695	5.5	25 26.34	+4.1603+.0243	−41 37 20.4	−8.038+.559	10.0	4
10653	11019	7.5	25 27.24	+4.0572+.0220	−38 48 33.7	−8.037+.545	10.2	4
10654	11044	4.3	25 29.88	+3.9143+.0190	−34 30 32.4	−8.034+.526	9.9	14
10655	10926	7.4	25 32.63	+4.2840+.0273	−44 41 33.0	−8.030+.576	9.9	4
10656	2038	6.7	25 34.76	+6.7759+.1284	−71 42 10.2	−8.027+.909	10.1	4
10657	10930	9.6	25 41.55	+4.2675+.0268	−44 17 32.1	−8.018+.574	10.2	4
10658	687	6.4	25 41.92	+13.134+.7429	−83 3 32.9	−8.017+1.76	9.4	4
10659	11379	6.2	25 51.25	+3.6792+.0146	−26 20 32.3	−8.005+.495	9.6	4
10660	4298	4.4	25 59.15	+3.4336+.0108	−16 25 2.3	−7.994+.462	9.5	4
10661	10730	9.6	26 5.54	+4.3276+.0282	−45 40 39.8	−7.986+.582	10.2	4
10662	10733	9.0	26 8.64	+4.3273+.0282	−45 40 3.1	−7.982+.582	9.6	1
10663	10488	10.1	26 12.85	+4.1058+.0229	−40 7 20.1	−7.976+.552	10.2	4
10664	5378	7.2	26 13.90	+5.3865+.0618	−62 4 56.4	−7.975+.724	10.0	4
10665	2934	2.8	26 21.03	+2.5849+.0036	+21 41 6.2	−7.965+.349	10.1	22,25
10666	3118	3.8	26 22.53	+3.0258+.0062	+ 2 10 48.9	−7.963+.408	9.8	13
10667	10492	7.6	26 29.23	+4.1329+.0234	−40 50 29.3	−7.954+.556	10.4	4
10668	9995	6.7	26 31.24	+4.7009+.0383	−53 0 26.2	−7.952+.632	10.2	4
10669	10942	9.1	26 36.28	+4.2918+.0272	−44 49 12.6	−7.945+.578	10.1	4
10670	10735	8.7	26 38.23	+4.3295+.0281	−45 41 28.7	−7.942+.583	10.0	4
10671	9998	7.9	26 43.90	+4.7022+.0382	−53 1 6.2	−7.935+.633	10.2	4
10672	10737	8.9	26 45.10	+4.3274+.0280	−45 38 9.1	−7.933+.583	10.3	1
10673	12178	8.2	26 46.50	+3.7487+.0157	−28 51 0.7	−7.931+.505	10.3	4
10674	4381	4.6	26 47.94	+3.5504+.0124	−21 16 28.2	−7.929+.479	10.0	8
10675	10473	8.7	26 50.99	+4.0722+.0220	−39 9 33.2	−7.925+.549	10.0	4
10676	3331	5.4	27 4.34	+5.7432+.0756	−65 18 20.4	−7.907+.773	9.7	8
10677	333	6.1	27 9.41*	+21.569+2.310	−86 12 3.2*	−7.900+2.89	9.7	24,45
10678	11244	7.4*	27 10.32	+3.8806+.0180	−33 20 25.3	−7.899+.523	10.2	4
10679	10949	9.3	27 10.64	+4.3019+.0272	−45 1 30.4	−7.899+.580	9.6	1
10680	10855	6.8	27 12.13	+4.4329+.0306	−47 55 13.5	−7.897+.597	10.3	4
10681	12976	8.0	27 17.15	+3.8213+.0169	−31 21 43.0	−7.890+.515	10.2	4
10682	10946	8.9	27 23.13	+4.4707+.0315	−48 41 27.2	−7.882+.603	10.0	4
10683	10954	9.0	27 24.12	+4.2716+.0264	−44 17 52.7	−7.881+.576	10.4	4
10684	10947	7.0	27 24.22	+4.4503+.0309	−48 16 16.7	−7.881+.600	10.2	4
10685	1320	8.0	27 24.22	+7.7574+.1858	−75 18 10.7	−7.881+1.04	10.5	4
10686	10507	8.0	27 24.29	+4.1250+.0230	−40 34 46.2	−7.881+.556	10.2	5
10687	2980	7.0	27 34.16	+5.9427+.0838	−66 48 59.6	−7.867+.800	10.0	4
10688	10778	7.3	27 35.28	+4.5158+.0326	−49 34 47.5	−7.866+.609	10.0	4
10689	10900	5.2	27 41.05	+4.2538+.0259	−43 51 19.1	−7.858+.574	10.0	4
10690	8069	7.5	27 41.32	+4.9776+.0464	−57 9 47.9	−7.858+.671	10.3	4
10691	2982	7.7	27 46.33	+5.9410+.0835	−66 47 48.1	−7.851+.800	9.3	1
10692	259	6.5	27 52.25	+30.317+4.843	−87 24 55.2	−7.843+4.07	9.4	4
10693	11022	7.8	27 56.19	+3.9451+.0191	−35 21 9.7	−7.838+.533	9.8	4
10694	12991	7.9	27 56.68	+3.8145+.0167	−31 5 54.6	−7.837+.515	10.2	4
10695	10790	7.8	27 59.48	+4.4980+.0320	−49 12 23.2	−7.833+.607	9.7	4
10696	8064	7.2	28 12.44	+4.7331+.0385	−53 27 32.2	−7.816+.639	9.6	4
10697	10864	8.1	28 12.59	+4.4298+.0301	−47 48 3.7	−7.816+.598	9.7	4
10698	13000	8.0	28 26.90	+3.8151+.0166	−31 5 43.4	−7.796+.516	10.0	4
10699	10964	6.4	28 39.35	+4.3065+.0269	−45 3 18.4	−7.780+.582	9.5	4
10700	1110	6.5	28 41.88	+9.3185+.3014	−78 50 38.5	−7.776+1.26	9.8	4

10677S.P. $9^s.38$, $3''.2$, 10.1, 17, 29.

No.	Name	Mag.	R. A. 1910	Prec. and Sec. Var.	Decl. 1910	Prec. and Sec. Var.	Epoch.	No. Obs.
		M	h m s	s s	° ′ ″	″ ″		
10701	10967	9.0	16 28 47.67	+4.2923+.0265	−44 42 51.6	−7.768+.580	10.0	4
10702	10678	7.4	29 9.97	+4.5978+.0342	−51 3 11.9	−7.739+.622	9.5	4
10703	10768	8.5	29 15.07	+4.3244+.0272	−45 26 4.3	−7.732+.585	9.9	4
10704	11037	6.7*	29 17.30	+3.9533+.0190	−35 32 12.4	−7.729+.535	9.9	4
10705	10769	8.5	29 17.53	+4.3270+.0272	−45 29 31.6	−7.728+.585	9.9	4
10706	3978	7.7	29 18.26	+5,6079+.0681	−64 3 46.8	−7.727+.758	10.0	4
10707	10327	10	29 20.58	+4.6539+.0358	−52 3 4.6	−7.724+.629	9.5	1
10708	10971	8.7	29 29.76	+4.3053+.0266	−44 58 53.0	−7.712+.583	9.4	4
10709	11393	7.7	29 32.29	+4.2240+.0247	−43 1 34.1	−7.709+.572	9.8	4
10710	11399	5.6	30 2.57	+4.2109+.0243	−42 40 24.7	−7.668+.570	9.7	4
10711	10979	8.4	30 7.88	+4.2993+.0263	−44 48 31.9	−7.661+.583	9.9	4
10712	1221	4.2	30 12.07*	+8.5668+.2362	−77 19 49.4*	−7.655+1.16	10.0	30,29
10713	10982	7.7	30 13.16	+4.3066+.0265	−44 58 27.0	−7.654+.584	9.7	4
10714	11015	2.9	30 16.65	+3.7302+.0148	−28 1 47.6	−7.649+.506	10.0	13,21
10715	10535	7.1	30 17.60	+4.1134+.0221	−40 7 3.5	−7.648+.557	9.9	4
10716	1971	6.7	30 20.70	+6.9021+.1281	−72 7 12.0	−7.643+.933	10.0	4
10717	11285	7.8	30 23.29	+3.9064+.0179	−34 0 51.7	−7.640+.530	9.8	4
10718	11112	4.3	30 26.94	+3.9400+.0186	−35 4 14.9	−7.635+.534	9.6	9
10719	10350	9.1	30 29.10	+4.6551+.0353	−52 0 58.5	−7.632+.631	10.2	4
10720	10986	9.6	30 36.00	+4.2705+.0255	−44 6 20.5	−7.623+.579	10.0	4
10721	11044	7.0*	30 43.80	+3.9620+.0189	−35 43 56.3*	−7.612+.538	10.0	4
10722	6594	6.2	30 54.69	+5.2860+.0549	−60 48 27.6	−7.598+.716	9.7	4
10723	10360	8.6	31 4.61	+4.6197+.0341	−51 21 17.5	−7.584+.627	9.7	4
10724	2724	4.2	31 12.03	+1.9338+.0042	+42 37 19.4	−7.574+.264	9.9	9
10725	10797	6.6	31 26.80	+4.3532+.0272	−45 58 21.2	−7.554+.591	9.7	5
10726	8091	7.0	31 29.51	+5.0591+.0469	−58 4 11.9	−7.551+.686	9.7	4
10727	11003	7.9	31 36.88	+4.2732+.0253	−44 7 3.8	−7.541+.580	9.5	4
10728	3220	5.9	31 37.73	+3.1186+.0068	− 2 7 59.7	−7.539+.424	9.4	4
10729	10080	7.5	31 59.73	+4.6751+.0352	−52 17 22.8	−7.510+.635	9.9	4
10730	10959[1]	9.0	32 2.61	+4.2368+.0243	−43 12 53.5	−7.506+.576	9.3	1
10731	10959[2]	6.1	32 4.04	+4.2369+.0243	−43 13 0.7	−7.504+.576	9.7	4
10732	2789	6.0	32 5.54	+6.1581+.0888	−68 7 3.8	−7.502+.836	10.0	5
10733	4350	2.7	32 12.10	+3.2997+.0086	−10 23 8.0	−7.493+.449	10.1	21,34
10734	7804[1]	Var.	32 15.86	+4.9680+.0436	−56 48 51.8	−7.488+.675	9.4	4
10735	7804[2]	9	32 16.19	+4.9680+.0436	−56 48 54.3	−7.487+.675	9.4	1
10736	4391	8.8	32 16.81	+3.5702+.0121	−21 52 27.1	−7.487+.486	9.8	4
10737	11087	7.0	32 23.32	+4.0756+.0208	−38 58 16.1	−7.478+.554	9.5	4
10738	10964	7.7	32 28.62	+4.2691+.0249	−43 58 37.2	−7.471+.581	9.5	4
10739	11020	7.9	32 42.84	+4.2780+.0251	−44 10 38.5	−7.451+.582	9.5	4
10740	2284	7.4	32 46.00	+6.5577+.1067	−70 24 13.8	−7.447+.891	9.9	4
10741	11021	8.6	32 48.34	+4.3009+.0256	−44 42 36.2	−7.444+.585	9.7	4
10742	10859	6.9	32 52.04	+4.5532+.0317	−50 1 59.2	−7.439+.620	10.0	4
10743	6603	6.2	32 55.54	+5.2455+.0522	−60 15 59.8	−7.434+.713	10.0	4
10744	4182	7.6*	32 55.60	+3.5920+.0123	−22 42 40.4	−7.434+.489	10.0	4
10745	10879	6.1	33 3.62	+4.0092+.0194	−37 2 12.5	−7.423+.546	9.7	4
10746	3190	8.2	33 4.96	+6.0416+.0826	−67 18 33.1	−7.421+.821	10.5	4
10747	11027	8.0	33 9.86	+4.2964+.0254	−44 35 16.9	−7.415+.585	10.0	4
10748	11028	8.3*	33 12.44	+4.3129+.0257	−44 58 13.1	−7.411+.587	10.0	4
10749	6864	7.5	33 13.46	+5.1141+.0477	−58 41 26.2	−7.410+.696	9.9	4
10750	10924	7.3	33 17.01	+4.4327+.0285	−47 36 14.4	−7.405+.604	9.7	4

10712 S.P. 12ˢ.10, 49″.5, 10.0, 17, 16. 10721 55″.6, 55″.9, 55″.6, 58″.2(?).

No.	Name	Mag.	R. A. 1910	Prec. and Sec. Var.	Decl. 1910	Prec. and Sec. Var.	Epoch.	No. Obs.
		M	h m s	s s	° ′ ″	″ ″		
10751	8122	8.1	16 33 24.53	+4.7796+.0375	−53 57 32.6	−7.395+.651	10.0	4
10752	12267	8.4	33 28.58	+3.7533+.0147	−28 43 28.1	−7.389+.512	10.0	4
10753	12708	7.2	33 35.28	+3.7826+.0152	−29 44 44.4	−7.380+.516	9.8	4
10754	13336	7.6	33 38.29	+3.7983+.0154	−30 17 11.4	−7.376+.518	10.1	4
10755	10403	6.5	33 46.72	+4.6242+.0332	−51 18 16.3	−7.365+.630	10.0	4
10756	10556	8.0	33 47.99	+4.1012+.0210	−39 36 38.2	−7.363+.559	9.9	4
10757	11039	7.0	33 59.04	+4.2900+.0250	−44 23 48.4	−7.348+.585	9.6	4
10758	11056	7.3	33 59.95	+4.4819+.0295	−48 34 45.7	−7.347+.611	9.5	4
10759	5414	9.9	34 5.76	+5.4494+.0585	−62 22 52.6	−7.339+.742	10.5	1
10760	10564	7.4	34 12.83	+4.1068+.0210	−39 44 41.9	−7.330+.560	9.6	4
10761	3196	6.3	34 15.01*	+6.0401+.0813	−67 15 27.8*	−7.327+.823	9.4	9
10762	10410	7.9	34 20.13	+4.6210+.0329	−51 13 13.5	−7.320+.630	9.6	4
10763	11343	6.6	34 21.34	+3.8981+.0170	−33 33 58.8	−7.318+.532	9.7	4
10764	10942	7.4	34 25.30	+4.4338+.0282	−47 34 11.7	−7.313+.605	9.7	4
10765	10594	7.9	34 27.84	+4.1524+.0219	−40 57 1.8	−7.309+.567	9.8	4
10766	10566	8.1	34 31.83	+4.1060+.0210	−39 42 23.3	−7.304+.560	9.8	4
10767	12277	7.0	34 32.25	+3.7557+.0146	−28 45 45.6	−7.303+.513	9.8	4
10768	5766	6.9	34 33.02	+5.3754+.0556	−61 36 38.4	−7.302+.733	9.7	4
10769	11600	7.8	34 34.42	+3.6764+.0134	−25 53 2.0	−7.300+.502	10.2	4
10770	11070	7.1	34 34.49*	+4.4837+.0293	−48 35 15.2	−7.300+.612	9.4	4
10771	5421	7.2	34 35.09	+5.4328+.0576	−62 11 45.5	−7.299+.741	10.0	4
10772	5422	7.2	34 35.40	+5.4513+.0582	−62 22 47.0	−7.299+.743	10.2	4
10773	11070	5.9	34 35.60	+4.4837+.0293	−48 35 14.6*	−7.299+.612	9.4	4
10774	11067	6.8*	34 40.61	+3.9608+.0181	−35 30 38.9	−7.292+.541	10.2	4
10775	8136	9.0	34 42.32	+4.7830+.0371	−53 57 6.2	−7.290+.653	9.3	1
10776	10899	7.1	34 44.86	+4.0099+.0190	−36 58 39.3	−7.286+.548	10.0	4
10777	10930	8.2	34 49.40	+4.3714+.0266	−46 12 36.0	−7.280+.597	9.9	4
10778	10890	5.9	34 51.29	+4.5293+.0303	−49 28 35.2	−7.277+.618	10.0	4
10779	6614[1]	9.2	34 57.70*	+5.2966+.0526	−60 45 7.2*	−7.269+.723	9.9	2
10780	6614[2]	9.1	34 58.20*	+5.2967+.0526	−60 45 8.9*	−7.268+.723	10.1	3
10781	2065	7.7	35 6.48	+6.8328+.1171	−71 40 12.7	−7.257+.932	9.9	4
10782	7653	8.0	35 9.04	+4.8968+.0401	−55 40 12.2	−7.253+.668	10.2	4
10783	8139	8.0	35 9.92	+4.7873+.0370	−53 59 57.6	−7.252+.654	9.9	4
10784	11054	9.3	35 10.53	+4.3073+.0250	−44 44 31.6	−7.251+.588	9.7	4
10785	10847	7.1	35 18.71	+4.3271+.0254	−45 11 31.1	−7.240+.591	9.7	4
10786	5772	9.5	35 40.22	+5.3460+.0538	−61 15 23.0	−7.211+.730	9.5	4
10787	11911	8.0	35 54.28	+3.8717+.0163	−32 38 49.9	−7.192+.530	9.5	3
10788	11913	5.9	35 55.82	+3.8817+.0165	−32 58 14.5	−7.190+.531	9.5	5
10789	11076	6.5	36 1.49	+3.7258+.0139	−27 38 5.6	−7.182+.510	9.7	5
10790	10851	9.5	36 7.31	+4.3384+.0254	−45 24 37.9*	−7.174+.594	9.7	4
10791	11066	9.0	36 8.15	+4.2994+.0246	−44 30 46.1	−7.173+.588	10.2	4
10792	12765	6.1	36 8.76	+3.6358+.0126	−24 17 39.1	−7.172+.498	10.1	5
10793	3235	5.7	36 10.55	+2.9766+.0055	+ 4 23 41.0	−7.169+.408	10.4	6
10794	4618	5.0	36 21.93	+3.4678+.0103	−17 34 7.6	−7.154+.475	9.8	10,15
10795	13380	7.7*	36 22.50	+3.8037+.0151	−30 21 21.5	−7.153+.521	8.5	4
10796	10916	6.6	36 27.51	+4.0102+.0187	−36 54 16.8	−7.146+.549	9.5	4
10797	12301	7.7	36 27.71	+3.7632+.0144	−28 56 58.8	−7.146+.516	9.7	4
10798	10858	6.3	36 29.93	+4.3610+.0258	−45 53 54.2*	−7.143+.597	9.9	5
10799	10952	9.1	36 32.10	+4.3808+.0263	−46 20 5.1	−7.140+.600	9.9	4
10800	10931	7.1	36 44.06	+4.0196+.0188	−37 10 5.8	−7.124+.551	10.2	4

10761 S.P. $15^s.01$, $29''.4$, 10.2, 5.

10770 $34^s.65$, $34^s.56$, $34^s.40$, $34^s.36$.

10773 $14''.6$, $13''.1$, $16''.0$, $14''.9$.

10779–80 Mean $57^s.94$, $8''.4$, 10.5, 1.

10790 $38''.4$, $36''.5$, $38''.6$, $38''.2$.

10798 $53''.8$, $53''.4$, $55''.9$, $54''.1$, $53''.9$.

No.	Name	Mag.	R. A. 1910	Prec. and Sec. Var.	Decl. 1910	Prec. and Sec. Var.	Epoch.	No. Obs.
		M	h m s	s s	° ′ ″	″ ″		
10801	3202	7.0	16 36 44.31	+6.1004+.0813	−67 34 51.6	−7.124+.834	9.7	4
10802	11037	7.2	36 47.22	+4.2572+.0235	−43 28 51.3	−7.120+.583	9.7	4
10803	11074	8.2	37 3.10	+4.2866+.0240	−44 10 4.0	−7.098+.587	9.4	4
10804	10869	9.5	37 11.04	+4.3354+.0250	−45 17 32.0*	−7.087+.594	9.5	4,3
10805	13153	8.6	37 23.24	+3.8291+.0153	−31 10 26.3	−7.070+.525	9.6	1
10806	10649	6.3	37 30.74	+4.1578+.0212	−40 56 54.2	−7.060+.570	9.5	4
10807	6629	7.6	37 31.06	+5.2738+.0502	−60 23 41.9	−7.060+.723	9.6	4
10808	10161	6.3	37 32.59	+4.7314+.0344	−52 58 58.1	−7.058+.649	9.7	4
10809	3009	5.3	37 36.08*	+6.0114+.0768	−66 56 32.5*	−7.053+.823	9.6	10
10810	3204	6.6	37 37.70	+6.1590+.0828	−67 56 9.8	−7.051+.844	9.8	4
10811	10653	6.3	37 38.99	+4.1579+.0212	−40 56 34.9	−7.049+.570	9.5	4
10812	10942	6.2	37 42.40	+4.0495+.0191	−37 59 7.7	−7.044+.556	9.7	4
10813	11081	9.4	37 48.90	+4.3067+.0242	−44 36 8.8	−7.035+.591	9.8	5
10814	13402	7.8*	37 49.01	+3.8261+.0152	−31 3 23.2*	−7.035+.525	9.8	4,3
10815	5775	7.0	37 51.25	+5.3770+.0534	−61 29 42.2	−7.032+.737	10.0	4
10816	13161	6.6	37 51.33	+3.8526+.0156	−31 56 8.3	−7.032+.529	9.8	5
10817	2884	3.0	37 53.58	+2.2976+.0032	+31 45 54.8	−7.029+.317	9.8	14
10818	11082	7.9	37 54.06	+4.2900+.0239	−44 12 32.2*	−7.028+.589	9.4	4,3
10819	4196	7.5	38 15.96	+3.5930+.0117	−22 33 59.1	−6.998+.494	9.5	4
10820	11504	6.9	38 17.86	+3.7007+.0132	−26 38 14.1	−6.996+.508	9.9	4
10821	4197	8.2*	38 25.06	+3.6032+.0118	−22 57 38.7	−6.986+.495	9.6	4
10822	10661	5.7	38 28.34	+4.1489+.0208	−40 40 15.6	−6.982+.570	9.9	4
10823	6889	5.9	38 39.97	+5.1044+.0443	−58 20 13.5	−6.966+.701	9.9	4
10824	11104	6.6	38 42.17	+3.7190+.0134	−27 17 16.1	−6.963+.511	10.2	4
10825	11073	9.5	38 44.80	+4.2823+.0235	−43 59 19.7	−6.959+.588	9.9	4
10826	10993	10.3	38 51.60	+4.4090+.0262	−46 50 3.2	−6.950+.606	9.4	1
10827	11098	9.0	38 53.38	+4.3086+.0240	−44 35 47.4	−6.947+.592	10.2	3
10828	4199	7.6	38 54.33	+3.5881+.0116	−22 21 18.1	−6.946+.494	9.6	4
10829	10899	9.6	38 55.11	+4.3490+.0248	−45 31 4.6	−6.945+.598	9.8	4
10830	11028	9.5	39 6.69	+4.4650+.0273	−47 59 39.2	−6.929+.614	9.5	4
10831	2822	1.9	39 7.57*	+6.3163+.0877	−68 51 48.5*	−6.928+.867	10.0	24
10832	11113	7.9	39 14.68	+3.7196+.0134	−27 17 18.9	−6.918+.512	9.9	4
10833	12358	6.0	39 22.36	+3.7492+.0138	−28 20 34.0	−6.908+.516	10.0	4
10834	11083	8.2	39 25.24	+4.2622+.0228	−43 28 37.4	−6.904+.586	9.5	4
10835	11005	7.2	39 28.05	+4.3865+.0255	−46 19 13.3	−6.900+.603	9.7	4
10836	11008	6.7	39 30 32	+4.3886+.0255	−46 21 56.3	−6.897+.604	10.0	6
10837	13434	7.0	39 35.05	+3.8159+.0149	−30 38 26.5	−6.890+.525	9.8	4
10838	6825	7.3	39 35.18	+5.2034+.0468	−59 30 16.7	−6.890+.715	10.1	4
10839	6893	5.8	39 39.37	+5.0950+.0435	−58 10 35.9	−6.884+.701	10.2	4
10840	11421	7.2*	39 42.79	+3.9091+.0162	−33 40 57.0	−6.880+.538	9.7	4
10841	4205	6.9	39 43.76	+3.6058+.0117	−23 1 1.3	−6.878+.497	10.0	4
10842	3029	3.6	39 48.58	+2.0525+.0037	+39 5 34.7	−6.872+.284	9.9	12
10843	11019	8.7	39 54.79	+4.4151+.0260	−46 54 58.1*	−6.863+.608	9.7	4
10844	12368	7.4	39 55.37	+3.7592+.0138	−28 40 29.5	−6.862+.518	9.4	4
10845	10919	9.4	39 58.82	+4.3549+.0246	−45 36 1.9	−6.858+.600	10.0	4
10846	11019	7.5	40 0.30	+4.4157+.0259	−46 55 32.1	−6.856+.608	9.7	4
10847	11533	6.8	40 15.14	+3.6984+.0129	−26 29 0.7	−6.835+.510	9.5	4
10848	10856	7.3	40 16.89	+4.1820+.0210	−41 26 46.5	−6.833+.576	9.7	4
10849	10927	8.9	40 22.60	+4.3612+.0246	−45 43 24.1	−6.825+.601	9.5	4
10850	5784	7.3	40 25.21	+5.3704+.0514	−61 19 36.6	−6.822+.739	9.7	4

10809 S.P. $36^{s}.16$, $34''.3$, 10.6, 4.

10804 ($29''.1$). 10814 ($25''.8$).

10843 $57''.2$, $57''.4$, $59''.8$, $57''.9$.

10831 S.P. $7^{s}.63$, $49''.0$, 10.2, 12; $7^{s}.18$ included.

10818 ($34''.9$).

No.	Name	Mag.	R. A. 1910	Prec. and Sec. Var.	Decl. 1910	Prec. and Sec. Var.	Epoch.	No. Obs.
		M	h m s	s s	° ′ ″	″ ″		
10851	3288	6.7	16 40 36.87	+2.9346+.0051	+ 6 15 36.1	-6.806+.405	10.6	1
10852	10677	5.5	40 38.42	+4.0982+.0194	-39 12 45.6	-6.803+.565	9.6	4
10853	1759	7.0	40 40.12	+7.3339+.1338	-73 33 48.9	-6.801+1.01	10.0	4
10854	11169	7.3	40 44.13*	+4.4765+.0270	-48 9 22.1	-6.796+.617	10.0	4
10855	5787	7.9	40 51.44	+5.3624+.0509	-61 13 35.5	-6.786+.738	10.2	4
10856	12008	8.0	40 51.45	+3.8824+.0156	-32 47 1.6	-6.786+.535	10.0	4
10857	10684	6.9	40 51.57	+4.1044+.0194	-39 22 12.4	-6.785+.566	9.8	4
10858	11172	8.4	40 51.62	+4.4782+.0270	-48 11 6.1	-6.785+.617	10.2	4
10859	11174	7.3	40 52.71	+4.4777+.0270	-48 10 22.6	-6.784+.617	10.2	4
10860	11123	8.4	40 52.82	+4.3104+.0234	-44 32 56.1	-6.784+.594	10.2	4
10861	11124	9.4	40 54.83	+4.3189+.0236	-44 44 35.4	-6.781+.595	10.2	4
10862	10941	7.9	40 58.36	+4.3434+.0241	-45 17 51.1	-6.776+.599	9.9	4
10863	10875	7.7	41 5.54	+4.1912+.0210	-41 38 46.7	-6.766+.578	9.9	4
10864	13224	7.6	41 6.93	+3.8371+.0148	-31 17 22.7	-6.764+.529	9.8	4
10865	10946	7.4	41 17.67	+4.3410+.0240	-45 13 41.6	-6.750+.599	9.8	4
10866	11667	6.6	41 20.55	+3.6692+.0123	-25 21 54.9	-6.746+.506	10.0	4
10867	11112	8.1	41 21.47	+4.2784+.0226	-43 46 33.5	-6.744+.590	9.7	4
10868	10951	6.9	41 31.50	+4.3662+.0244	-45 46 58.4	-6.731+.602	9.4	4
10869	11450	7.8	41 43.95	+3.9071+.0158	-33 32 12.2	-6.714+.540	9.4	4
10870	11140	8.2	41 45.07	+4.3219+.0234	-44 46 29.5*	-6.712+.596	9.8	4
10871	10224	7.0	41 46.75	+4.7304+.0326	-52 46 48.4	-6.710+.653	9.9	4
10872	11188	9.8	41 48.59	+4.5160+.0276	-48 53 44.6	-6.707+.623	9.7	4
10873	6906	3.7	42 0.54	+5.1593+.0440	-58 52 53.3	-6.691+.712	10.0	25
10874	10972	7.2	42 9.44	+4.0125+.0175	-36 43 23.7	-6.678+.554	9.4	4
10875	10973	8.9	42 10.60	+4.0127+.0175	-36 43 43.1	-6.677+.554	9.4	4
10876	11068	7.4	42 18.51	+4.4508+.0259	-47 33 29.6	-6.666+.615	9.4	4
10877	13483	6.9	42 39.21	+3.8315+.0145	-31 2 35.7	-6.638+.530	9.8	6
10878	908	7.9	42 43.79	+10.169+.3152	-79 55 19.9	-6.631+1.40	9.7	4
10879	12834	7.5	42 45.44	+3.6437+.0118	-24 21 58.1	-6.629+.504	10.0	4
10880	11162	7.9	42 55.40	+4.3267+.0232	-44 49 58.4	-6.615+.598	9.7	4
10881	11137	9.1	42 59.78	+4.2931+.0225	-44 3 3.6	-6.609+.594	9.8	4
10882	3232	6.4	43 4.44	+6.1226+.0756	-67 31 29.1	-6.603+.846	9.8	4
10883	3365	6.3	43 8.75*	+5.8061+.0639	-65 13 9.2*	-6.597+.802	9.6	9
10884	3272	5.3	43 20.50	+2.9530+.0051	+ 5 24 27.0	-6.581+.409	10.4	7
10885	11468	7.3	43 25.88	+3.9195+.0157	-33 51 26.9	-6.573+.543	9.9	4
10886	10925	7.4	43 29.04	+4.2032+.0206	-41 50 38.7	-6.569+.582	9.7	4
10887	10533	8.0	43 29.56	+4.6536+.0301	-51 23 24.0	-6.568+.644	10.0	4
10888	11574	7.2	43 32.69	+4.2479+.0214	-42 56 54.5	-6.564+.588	9.7	4
10889	10998[1]	7.3	43 43.40	+4.5718+.0281	-49 53 18.3	-6.549+.633	9.9	4
10890	10998[2]	7.3	43 43.69	+4.5718+.0281	-49 53 15.8	-6.549+.633	10.0	5
10891	13265	6.9*	43 46.60	+3.8464+.0145	-31 29 36.4	-6.545+.533	10.1	6
10892	5454	8.0	43 54.56	+5.5079+.0533	-62 34 51.9	-6.534+.762	9.9	4
10893	2642	7.4	43 56.84	+6.5472+.0916	-70 1 3.4	-6.531+.905	9.7	4
10894	11154	9.2	43 57.68	+4.2870+.0221	-43 51 54.6	-6.530+.594	9.7	4
10895	12854	9.6	44 5.85	+3.6485+.0117	-24 30 6.5	-6.518+.506	10.4	1
10896	2836	7.4	44 6.53	+6.3479+.0833	-68 54 3.9	-6.517+.878	9.8	4
10897	4422	7.6	44 12.82	+3.5754+.0108	-21 41 41.6	-6.509+.496	9.8	4
10898	12857	6.9*	44 15.61	+3.6482+.0117	-24 28 59.7	-6.505+.506	9.7	4
10899	11285	2.4	44 19.91	+3.9294+.0157	-34 7 49.6	-6.499+.545	10.0	23
10900	11161	9.5	44 23.66	+4.2885+.0220	-43 53 2.9	-6.494+.594	9.6	4

10883 S.P. $8^s.84$, $11''.1$, 10.6, 6.

10854 $44^s.32$, $44^s.03$, $44^s.07$, $44^s.11$.

10870 $30''.5$, $27''.8$, $30''.4$, $29''.4$.

No.	Name	Mag.	R. A. 1910	Prec. and Sec. Var.	Decl. 1910	Prec. and Sec. Var.	Epoch.	No. Obs.
		M	h m s	s s	° ′ ″	″ ″		
10901	8149	7.3	16 44 32.72	+5.0519+.0396	−57 25 32.9	−6.481+.700	9.8	4
10902	10946	7.3	44 35.56	+4.1983+.0202	−41 40 29.1	−6.477+.582	9.6	4
10903	11244	7.2	44 39.03	+4.0643+.0178	−38 6 1.4	−6.472+.564	9.7	4
10904	4394	4.7	44 51.19	+3.3098+.0078	−10 37 27.8*	−6.456+.460	9.5	5,4
10905	11023	6.2	44 55.80	+4.0385+.0173	−37 21 33.5	−6.449+.560	9.7	4
10906	11235	7.4	45 3.78	+4.5264+.0266	−48 57 37.6	−6.438+.628	10.0	4
10907	11193	9.8	45 4.88	+4.3064+.0221	−44 16 23.6	−6.437+.597	10.0	4
10908	4026	8.0	45 6.91	+5.5654+.0543	−63 4 55.4	−6.434+.771	10.0	4
10909	10957	5.4	45 17.06	+4.1760+.0197	−41 4 35.6	−6.420+.580	9.5	4
10910	11011	8.5	45 31.85	+4.3528+.0229	−45 18 40.1	−6.400+.604	9.5	4
10911	2647	7.5	45 43.93	+6.3953+.0832	−69 7 47.8	−6.383+.886	9.5	4
10912	11033	3.1	45 46.28	+4.0586+.0175	−37 53 37.2	−6.380+.564	10.2	32,31
10913	10830	7.3	45 51.12	+4.1556+.0192	−40 31 23.9	−6.373+.577	9.5	4
10914	12876	7.5	45 51.87	+3.6548+.0115	−24 40 49.1	−6.372+.508	9.4	4
10915	10972	6.6	46 0.23	+4.2018+.0199	−41 42 6.9	−6.360+.584	9.6	4
10916	11609	6.8	46 8.73	+4.2480+.0207	−42 50 21.1	−6.349+.590	9.7	4
10917	7884	8.0	46 9.77	+4.8253+.0330	−54 7 29.3	−6.347+.670	9.9	4
10918	7889	8.5	46 10.87	+4.8678+.0365	−56 13 25.0	−6.346+.690	9.7	4
10919	10841	6.6	46 12.43	+4.1580+.0191	−40 34 13.8	−6.344+.578	9.5	4
10920	11037	3.6	46 14.19	+4.0582+.0174	−37 51 53.1	−6.341+.564	9.6	10
10921	8157	6.0	46 21.73	+5.0827+.0394	−57 45 21.9	−6.331+.706	9.8	4
10922	11083	9.4	46 24.12	+4.4047+.0237	−46 24 45.3	−6.327+.612	9.5	4
10923	10980	7.2	46 28.52	+4.1998+.0198	−41 38 3.0	−6.321+.584	9.6	4
10924	11041	6.8	46 31.38	+4.0439+.0171	−37 26 48.8	−6.317+.562	9.5	4
10925	7887	7.6	46 34.01	+4.8320+.0330	−54 12 44.4	−6.314+.671	9.9	4
10926	11743	6.9	46 44.60	+3.6763+.0117	−25 26 55.3	−6.299+.512	10.1	5
10927	11226	9.7	46 44.84	+4.3305+.0221	−44 45 23.8	−6.299+.602	9.7	4
10928	7892	7.1	46 45.89	+4.8374+.0330	−54 17 16.9	−6.297+.672	9.9	4
10929	2326	6.6	46 49.95	+6.7501+.0964	−70 57 50.3	−6.292+.937	10.0	4
10930	3323	5.5	46 50.92	+3.0422+.0055	+ 1 22 7.3	−6.290+.424	10.6	1
10931	11230	8.8	46 51.53	+4.3044+.0216	−44 9 2.3	−6.289+.598	9.8	4,3
10932	4032	6.1	47 0.44	+5.5765+.0532	−63 7 16.2	−6.277+.775	10.0	4
10933	11235	8.3*	47 7.92	+4.3393+.0222	−44 56 22.7	−6.267+.604	9.8	4
10934	11525	7.4	47 16.23	+3.9012+.0147	−33 7 57.8	−6.255+.543	9.5	4
10935	10887	9.6	47 17.61	+4.6219+.0279	−50 39 55.0	−6.253+.643	9.7	4
10936	13317	7.4	47 18.70	+3.8576+.0141	−31 43 46.6	−6.252+.537	10.1	4
10937	11627	5.7	47 18.98	+4.2525+.0205	−42 54 1.9	−6.251+.592	9.9	4
10938	13560	7.1	47 23.28	+3.8140+.0134	−30 16 45.9	−6.245+.531	9.8	4
10939	3372	8.0	47 24.34	+5.8160+.0605	−65 9 41.6	−6.244+.808	10.2	4
10940	7736	7.6	47 34.26	+4.9486+.0354	−55 53 56.0	−6.230+.688	9.7	4
10941	11633	4.9	47 38.59	+4.2249+.0199	−42 12 46.7	−6.224+.588	9.5	4
10942	11021	6.2	47 39.09	+4.2102+.0197	−41 50 43.1	−6.224+.586	10.0	4
10943	11036	6.5	47 39.73	+4.5632+.0265	−49 33 43.9	−6.223+.635	10.0	4
10944	11024	6.6	47 42.76	+4.2028+.0195	−41 39 26.6	−6.218+.585	9.7	4
10945	11025	7.2	47 44.49	+4.2022+.0195	−41 38 33.8	−6.216+.585	9.7	4
10946	10884	7.6	47 48.77	+4.1744+.0190	−40 55 50.8	−6.210+.581	10.2	4
10947	11033	6.8	47 50.81	+4.2038+.0195	−41 40 35.1	−6.207+.585	9.7	4
10948	11036	6.0	47 52.38	+4.2048+.0195	−41 42 2.3	−6.205+.585	9.9	4
10949	11252	7.5	47 52.42	+4.3319+.0218	−44 44 35.4	−6.205+.603	10.0	4
10950	6860	7.4	47 52.49	+5.2102+.0420	−59 16 10.6	−6.205+.725	10.3	4

10904 (58″.3).

No.	Name	Mag.	R. A. 1910	Prec. and Sec. Var.	Decl. 1910	Prec. and Sec. Var.	Epoch.	No. Obs.
		M	h m s	s s	° ′ ″	″ ″		
10951	3066	6.4	16 47 58.98	+2.7290+.0039	+15 7 28.3	-6.196+.381	9.8	9,17
10952	11041	6.7	48 0.52	+4.2038+.0195	-41 40 17.5	-6.194+.586	9.6	4
10953	11040	7.3	48 4.95	+4.5896+.0269	-50 2 28.0	-6.188+.639	9.5	4
10954	11642	5.8	48 5.34	+4.2304+.0199	-42 19 50.5	-6.187+.589	9.5	4
10955	5808	6.8	48 7.57	+5.4132+.0475	-61 29 39.1	-6.184+.753	9.9	4
10956	11050	8.8	48 12.87	+4.2036+.0194	-41 39 25.6	-6.177+.586	9.4	1
10957	11646	3.8	48 14.86	+4.2257+.0198	-42 12 28.2	-6.174+.589	9.5	10
10958	6863	8.1	48 20.63	+5.2763+.0435	-60 0 50.4	-6.166+.734	9.9	4
10959	13581	8.5*	48 21.59	+3.8247+.0134	-30 36 16.2	-6.165+.533	10.2	4
10960	11054	8.6	48 21.95	+4.3595+.0222	-45 20 38.7	-6.164+.607	9.7	4
10961	11261	8.9*	48 24.84	+4.3411+.0218	-44 55 40.4	-6.160+.605	9.8	4
10962	1186	7.0	48 30.84	+8.2020+.1638	-76 4 25.8	-6.152+1.14	10.2	4
10963	11546	6.8	48 34.03	+3.9089+.0146	-33 19 37.6	-6.147+.545	9.7	4
10964	11266	8.1	48 35.16	+4.3376+.0217	-44 50 32.5	-6.146+.604	9.9	4
10965	10918	7.3	48 40.66	+4.1544+.0184	-40 22 40.3	-6.138+.579	9.9	4
10966	10919	6.0	48 41.60	+4.1786+.0188	-41 0 14.4	-6.137+.582	9.8	4
10967	13588	8.1	48 42.26	+3.8241+.0134	-30 34 19.9	-6.136+.533	9.9	4
10968	11068	6.6	48 43.09	+4.2158+.0195	-41 56 38.4	-6.135+.588	10.2	4
10969	10920	7.7	48 43.65	+4.1566+.0184	-40 26 1.4	-6.134+.580	10.0	4
10970	11770	7.1	48 48.99	+3.6844+.0115	-25 40 52.4	-6.126+.514	10.2	4
10971	13341	8.6	48 49.91	+3.8428+.0136	-31 11 17.1	-6.125+.536	9.4	1
10972	13340	7.6	48 51.20	+3.8690+.0140	-32 2 32.5	-6.124+.540	10.2	4
10973	13594	6.3	48 51.29	+3.8203+.0133	-30 26 24.7	-6.123+.533	10.0	4
10974	1775	7.0	48 52.36	+7.3090+.1179	-73 16 50.2	-6.122+1.02	10.2	4
10975	13598	7.4	49 0.92	+3.8322+.0134	-30 49 55.8	-6.110+.535	9.9	4
10976	11274	Var.	49 5.77	+4.3435+.0217	-44 57 22.6	-6.103+.606	9.8	4
10977	11233	6.8	49 10.55	+4.2668+.0202	-43 10 11.3	-6.097+.595	9.7	4
10978	10905	6.6	49 12.09	+4.6186+.0271	-50 31 45.9	-6.094+.644	9.7	4
10979	12993	7.9	49 18.33	+3.7990+.0129	-29 42 22.9	-6.086+.530	10.2	4
10980	13348	6.8	49 22.02	+3.8454+.0136	-31 15 19.3	-6.081+.537	10.3	4
10981	10333	6.2	49 23.92	+4.7106+.0290	-52 8 17.4	-6.078+.657	10.2	4
10982	12968	7.0	49 24.32	+3.6227+.0107	-23 21 56.0	-6.077+.506	10.2	4
10983	10870	7.3	49 26.50	+4.1171+.0176	-39 21 34.5	-6.074+.574	10.3	4
10984	10595	9.1	49 27.07	+4.6845+.0284	-51 41 22.2	-6.074+.653	10.5	4
10985	6676	6.8	49 29.37	+5.3197+.0440	-60 27 23.0	-6.070+.742	10.2	4
10986	3377	6.6	49 30.31	+5.8115+.0586	-65 3 37.5	-6.069+.810	10.3	4
10987	11140	8.0	49 31.54	+4.4664+.0239	-47 34 43.1	-6.067+.623	10.2	4
10988	2925	5.4	49 33.30	+2.2812+.0032	+31 51 0.1	-6.065+.320	9.5	4
10989	12151	7.2	49 38.15	+3.8797+.0140	-32 21 29.4	-6.058+.542	10.2	4
10990	10949	8.7	49 39.54	+4.1658+.0184	-40 38 5.0	-6.056+.581	9.8	4
10991	11285	8.9	49 40.40	+4.3126+.0209	-44 13 43.6	-6.055+.602	10.0	4
10992	11287	9.4	49 44.52	+4.3348+.0213	-44 43 57.4	-6.049+.605	10.4	4
10993	3092	4.3	49 44.93	+2.8407+.0043	+10 18 46.3	-6.049+.397	9.5	4
10994	1235	7.8	49 51.09	+9.0380+.2088	-77 56 31.9	-6.040+1.26	10.5	4
10995	2666	6.0	49 53.72*	+6.4145+.0790	-69 7 37.2*	-6.037+.894	9.5	8
10996	11290	9.7	49 56.46	+4.3342+.0213	-44 42 40.3	-6.033+.605	10.2	4
10997	10961	7.0	49 59.69	+4.1617+.0182	-40 30 56.9	-6.028+.581	9.5	4
10998	11570	6.4	50 4.97	+3.9118+.0144	-33 21 45.5	-6.021+.546	9.7	4
10999	13366	7.6*	50 5.34	+3.8483+.0135	-31 19 30.7	-6.020+.538	10.4	4
11000	11789	7.4	50 12.89	+3.6776+.0112	-25 23 20.9*	-6.010+.514	10.2	4

10995S.P. $53^s.72$, $38''.0$, 10.3, 9. 11000 $21''.5$, $19''.3$, $21''.6$, $21''.2$.

No.	Name	Mag.	R. A. 1910	Prec. and Sec. Var.	Decl. 1910	Prec. and Sec. Var.	Epoch.	No. Obs.
		M	h m s	s s	° ′ ″	″ ″		
11001	6944	8.3	16 50 15.60	+5.1523+.0390	−58 29 22.0	−6.006+.719	10.2	4
11002	6945	8.2	50 19.98	+5.1822+.0398	−58 51 1.6	−6.000+.723	9.7	4
11003	10975	6.4	50 20.02	+4.1685+.0183	−40 40 48.1	−6.000+.582	9.7	4
11004	8183	7.7	50 28.04	+5.0843+.0372	−57 37 38.4	−5.989+.710	10.0	4
11005	5817	7.5	50 30.45	+5.4312+.0464	−61 35 54.2	−5.986+.758	10.0	4
11006	13373	7.4	50 30.64	+3.8438+.0133	−31 9 46.7	−5.985+.537	10.0	4
11007	8185	7.7	50 31.38	+5.0860+.0372	−57 38 47.8	−5.984+.710	10.0	4
11008	8241	8.3	50 39.25	+4.8091+.0306	−53 41 56.1	−5.973+.672	10.0	5
11009	10986	7.2	50 39.74	+4.1571+.0180	−40 22 10.0	−5.973+.581	9.9	4
11010	8244	8.4	50 42.80	+4.8092+.0306	−53 41 53.5	−5.968+.672	10.1	3
11011	13626	Var.	50 53.31	+3.8223+.0130	−30 26 13.7	−5.954+.535	10.2	4
11012	700	7.2	51 0.28	+12.377+.4571	−82 11 21.7	−5.944+1.73	9.4	4
11013	701	10.2	51 2.30	+12.366+.4558	−82 10 46.9	−5.941+1.72	9.4	4
11014	11091	8.4	51 7.11	+4.3861+.0219	−45 49 12.4	−5.935+.613	10.3	1
11015	11092	8.9	51 7.76	+4.3583+.0213	−45 12 22.9	−5.934+.609	9.4	4
11016	12178	7.4	51 8.41	+3.8762+.0137	−32 11 39.8	−5.933+.542	9.4	4
11017	7766	3.1	51 10.06	+4.9544+.0337	−55 50 55.6	−5.930+.692	10.0	21
11018	10611	9.0	51 17.88	+4.7013+.0280	−51 54 27.0	−5.920+.657	9.7	4
11019	11590	5.5	51 19.05	+3.9054+.0140	−33 7 2.4	−5.918+.546	9.6	4
11020	11095	8.6	51 20.29	+4.3853+.0218	−45 47 42.4	−5.916+.613	10.3	1
11021	10924	5.7	51 20.99	+4.6215+.0263	−50 29 58.8	−5.915+.646	9.5	4
11022	4249	5.6	51 22.22	+3.6148+.0104	−23 0 28.8	−5.914+.506	10.0	8
11023	11098	8.2	51 32.09	+4.3878+.0218	−45 50 30.2	−5.900+.614	9.6	4
11024	11363	6.6	51 39.96	+4.1060+.0169	−38 58 30.5	−5.889+.575	9.4	4
11025	2014	7.2	51 42.51	+7.1175+.1046	−72 28 20.6	−5.885+.994	9.8	4
11026	11017	7.3	51 52.02	+4.1528+.0176	−40 12 46.2	−5.872+.581	9.7	4
11027	11102	7.8	51 57.39	+4.3857+.0216	−45 46 48.0	−5.864+.614	9.6	4
11028	6876	7.2	52 3.60	+5.2156+.0396	−59 11 20.0	−5.856+.730	10.0	4
11029	10369	10.0	52 13.52	+4.7192+.0280	−52 10 35.4	−5.842+.660	9.9	4
11030	11339	6.8*	52 16.79	+4.5297+.0242	−48 44 10.9	−5.837+.634	9.8	4
11031	10372	4.2	52 24.44	+4.7708+.0290	−53 1 22.0	−5.827+.668	9.9	17
11032	11607	Var.	52 26.49	+3.9179+.0140	−33 28 10.4	−5.824+.549	9.7	4
11033	12206	9.2	52 29.22	+3.9001+.0138	−32 54 26.8	−5.820+.546	9.8	4
11034	11108	9.0	52 30.98	+4.3587+.0209	−45 9 46.7	−5.818+.611	9.5	1
11035	11829	7.4	52 43.67	+3.6942+.0111	−25 55 11.9	−5.800+.518	9.7	4
11036	7925	7.9	52 45.20	+5.0031+.0340	−56 28 12.4	−5.798+.701	10.0	4
11037	11131	6.2	52 46.71	+4.0535+.0159	−37 28 52.2	−5.796+.568	10.0	4
11038	7947	5.8	52 47.34	+4.8633+.0309	−54 27 29.2	−5.795+.681	10.2	4
11039	8215	7.2	52 57.10	+5.0545+.0352	−57 9 11.2	−5.781+.708	10.0	4
11040	11291	8.8	52 57.21	+4.3101+.0200	−44 2 38.6	−5.781+.604	10.2	4
11041	11118	8.8	53 21.87	+4.3782+.0210	−45 33 39.9	−5.747+.614	10.0	4
11042	11300	9.5	53 23.22	+4.3083+.0198	−43 59 9.4	−5.745+.604	10.1	4
11043	11302	9.1	53 23.54	+4.3025+.0197	−43 51 1.1	−5.744+.603	10.3	4
11044	3298	3.4	53 24.46	+2.8579+.0043	+ 9 30 51.5*	−5.743+.402	9.8	40,63
11045	13013	8.4	53 25.10	+3.6321+.0103	−23 36 24.3	−5.742+.510	10.0	4
11046	7940	6.6	53 35.56	+5.0015+.0336	−56 25 8.6	−5.727+.701	9.8	4
11047	5824	7.6	53 39.24	+5.4818+.0456	−62 0 16.2	−5.722+.768	9.7	4
11048	11360	6.1	53 39.27	+4.5207+.0235	−48 30 35.4	−5.722+.634	9.7	4
11049	11339	6.6	53 42.36	+4.3468+.0204	−44 51 6.2	−5.718+.610	9.9	4
11050	703	7.4	53 51.56	+12.505+.4481	−82 15 55.0	−5.705+1.75	9.4	4

11044 49″.7 included.

No.	Name	Mag.	R. A. 1910	Prec. and Sec. Var.	Decl. 1910	Prec. and Sec. Var.	Epoch.	No. Obs.
		M	h m s	s s	° ′ ″	″ ″		
11051	11123	6.5	16 53 58.34	+4.3681+.0207	-45 18 58.5	-5.696+.613	10.0	4
11052	6964	6.3	53 58.73	+5.1902+.0378	-58 49 25.9	-5.695+.728	9.8	4
11053	10387	9.2	53 59.58	+4.7632+.0282	-52 50 29.7	-5.694+.668	9.9	4
11054	11196	9.5	54 0.52	+4.4887+.0228	-47 51 37.4	-5.693+.630	10.0	4
11055	6965	7.6	54 4.64	+5.1980+.0380	-58 54 48.7	-5.687+.729	9.7	4
11056	11152	7.7	54 19.24	+4.0669+.0157	-37 48 5.3	-5.666+.571	9.9	6
11057	12997	5.9	54 26.94	+3.6692+.0106	-24 57 22.1	-5.656+.516	9.8	4
11058	11348	8.4	54 31.38	+4.3499+.0202	-44 53 27.7	-5.649+.611	10.1	4
11059	11236	6.0	54 36.59	+3.9973+.0147	-35 47 52.1	-5.642+.562	9.9	4
11060	13002	5.8	54 38.60	+3.6665+.0105	-24 51 9.2	-5.639+.515	10.3	4
11061	11171	7.3	54 45.02	+4.2248+.0181	-41 56 15.0	-5.630+.594	9.8	4
11062	10955	6.6	54 46.23	+4.6562+.0257	-50 59 47.4	-5.629+.654	9.8	4
11063	1194	7.0	54 50.29	+8.2538+.1511	-76 5 40.3	-5.623+1.16	10.0	4
11064	7952	7.5	54 56.30	+5.0140+.0332	-56 32 39.8	-5.615+.704	9.6	4
11065	2875	6.3	55 6.63	+6.2723+.0681	-68 8 53.3	-5.600+.880	9.6	4
11066	11355	9.1	55 19.97	+4.3478+.0199	-44 48 54.5	-5.581+.611	9.3	1
11067	11356	9.0	55 20.70	+4.3288+.0196	-44 23 7.7	-5.580+.608	9.5	4
11068	6975	7.7	55 21.09	+5.1602+.0363	-58 24 55.4	-5.580+.725	9.4	4
11069	12708	7.6	55 23.78	+3.7671+.0116	-28 25 8.8	-5.576+.530	9.8	6
11070	7980	7.2	55 25.18	+4.8674+.0297	-54 25 41.6	-5.574+.684	9.7	4
11071	11364	8.2	55 48.06*	+4.3471+.0198	-44 46 58 3	-5.542+.611	9.4	4
11072	11365	9.3	55 48.52	+4.3273+.0194	-44 18 56.5	-5.541+.609	9.5	2
11073	11657	7.2	55 50.58	+3.9141+.0133	-33 14 4.4	-5.539+.551	9.6	4
11074	11131[1]	8.2	55 56.35*	+4.6050+.0243	-50 1 48.8	-5.530+.648	9.7	4
11075	11131[2]	7.5	55 57.04	+4.6050+.0243	-50 1 44.1	-5.530+.648	9.7	4
11076	8316	5.4	55 57.08	+4.7836+.0278	-53 6 9.6	-5.530+.673	9.6	4
11077	13473	5.1	56 3.32	+3.8756+.0128	-32 0 37.4*	-5.521+.546	9.7	10,9
11078	13711	7.5	56 3.42	+3.8337+.0123	-30 38 48.3	-5.521+.540	9.7	4
11079	11371	6.8	56 16.09	+4.3452+.0196	-44 43 23.2	-5.503+.611	9.4	4
11080	11391	7.2	56 18.33	+3.7503+.0112	-27 48 25.8	-5.500+.528	9.7	4
11081	10971	7.6	56 22.76	+4.6191+.0244	-50 16 21.0	-5.494+.650	9.7	4
11082	10659	7.9	56 25.35	+4.6639+.0252	-51 4 22.9	-5.490+.656	9.8	4
11083	11389	6.8	56 26.28	+4.5105+.0224	-48 12 26.6	-5.488+.635	10.0	4
11084	11373	9.0	56 29.46	+4.3275+.0192	-44 18 52.4	-5.484+.609	9.5	4
11085	12276	7.3	56 37.82	+3.8799+.0127	-32 7 39.6	-5.472+.546	9.9	6
11086	8265	5.9	56 44.64	+5.0973+.0341	-57 34 58.9	-5.463+.717	9.6	4
11087	11379	9.3	56 49.78	+4.3284+.0192	-44 19 15.0	-5.456+.610	9.5	4
11088	2947	3.9	56 50.71	+2.2980+.0032	+31 3 29.9	-5.454+.325	10.2	22
11089	11188	7.5*	56 54.11	+4.0626+.0151	-37 35 22.3	-5.450+.572	10.2	4
11090	10977	9.5	56 59.18	+4.6582+.0249	-50 57 13.7	-5.442+.656	9.9	4
11091	11191	6.3	56 59.97	+4.4534+.0212	-47 1 53.9	-5.441+.627	10.2	4
11092	10978	8.7	57 0.89	+4.6584+.0249	-50 57 18.2	-5.440+.656	9.9	4
11093	11055	7.4	57 8.07	+4.1504+.0163	-39 57 29.2	-5.430+.585	9.6	4
11094	11366	7.9	57 26.24	+4.3162+.0188	-44 1 15.6	-5.404+.608	9.7	4
11095	13502	6.9	57 29.95	+3.8608+.0124	-31 29 8.5	-5.399+.544	9.5	4
11096	1599	7.4	57 34.02	+7.8567+.1260	-74 56 30.5	-5.394+1.11	9.7	4
11097	11176	7.4	57 41.89	+4.3650+.0195	-45 6 48.3	-5.382+.615	10.1	4
11098	11201	6.0	57 42.46	+4.0792+.0152	-38 1 25.1	-5.382+.575	10.0	4
11099	11391	9.4	57 49.23	+4.3496+.0192	-44 46 4.1	-5.372+.613	9.8	4
11100	7851	8.9	57 49.24*	+4.9822+.0310	-56 0 45.1	-5.372+.702	10.2	3,4

11071 $48^s.22$, $47^s.99$, $48^s.10$, $47^s.94$. 11074 $56^s.42$, $56^s.46$, $56^s.17$, $56^s.36$.

11077 ($39''.8$). 11100 ($48^s.90$).

No.	Name	Mag.	R. A. 1910	Prec. and Sec. Var.	Decl. 1910	Prec. and Sec. Var.	Epoch.	No. Obs.
		M	h m s	s s	° ′ ″	″ ″		
11101	11206	6.7	16 57 49.90	+4.9682+.0150	−37 42 59.1	−5.371+.574	9.7	4
11102	13050	7.3	58 1.26	+3.6489+.0099	−24 6 46.5	−5.355+.515	9.6	4
11103	11380	7.5	58 3.86	+4.2811+.0181	−43 10 45.5	−5.352+.604	9.9	4
11104	6695	7.2	58 10.63	+5.3303+.0387	−60 17 43.7	−5.342+.751	9.9	4
11105	1348	7.4	58 14.24	+7.9675+.1296	−75 15 22.4	−5.337+1.12	10.0	4
11106	2817	5.3	58 16.98	+2.2134+.0032	+33 41 52.4	−5.333+.313	9.7	5
11107	12760	7.8	58 20.17	+3.7613+.0110	−28 7 44.1	−5.329+.531	9.7	4
11108	11200	7.5	58 21.30	+4.4466+.0206	−46 50 40.4	−5.327+.627	9.6	4
11109	11915	6.7*	58 28.33	+3.6891+.0102	−25 34 13.4	−5.317+.521	10.0	4
11110	11188	6.4	58 30.73	+4.3781+.0195	−45 22 31.2	−5.314+.618	9.9	4
11111	3394	7.2	58 32.48	+5.9163+.0538	−65 37 21.8	−5.312+.834	10.2	4
11112	11203	7.5	58 37.35	+4.4518+.0206	−46 56 36.1	−5.305+.628	9.7	4
11113	12769	6.7	58 47.38	+3.7709+.0111	−28 26 59.9	−5.290+.532	10.0	4
11114	11414	8.8	58 48.51	+4.3552+.0190	−44 51 28.7	−5.289+.615	9.8	4
11115	11418	8.0	58 51.69	+4.3291+.0186	−44 16 1.6	−5.284+.611	9.7	4
11116	11706	4.9	58 53.96	+3.9420+.0131	−33 59 49.6	−5.281+.557	9.6	11
11117	13070	7.3	58 58.58	+3.6496+.0098	−24 6 51.2	−5.275+.516	9.9	4
11118	13531	7.3*	58 58.84	+3.8545+.0120	−31 14 13.6	−5.274+.544	9.8	4
11119	13078	7.3	59 0.99	+3.6269+.0095	−23 15 51.2	−5.271+.512	10.0	4
11120	13533	8.4	59 8.98	+3.8550+.0120	−31 14 48.4	−5.260+.545	9.5	1
11121	11924	6.8	59 11.23	+3.6881+.0101	−25 31 3.4	−5.257+.521	10.3	4
11122	4060	8.0	59 14.10	+5.6836+.0468	−63 42 50.3	−5.253+.802	10.1	4
11123	11396	6.4	59 19.00	+4.3173+.0183	−43 58 52.9	−5.246+.610	9.8	4
11124	11432	7.7	59 30.16	+4.3292+.0184	−44 14 55.9	−5.230+.612	9.4	4
11125	7868	8.1	59 30.60	+4.9791+.0301	−55 54 54.6	−5.230+.703	9.8	4
11126	2892	6.9*	59 32.89*	+6.3860+.0668	−68 43 32.1*	−5.226+.901	9.7	10
11127	6903	7.5	59 35.04	+5.2668+.0363	−59 32 39.5	−5.223+.744	10.0	4
11128	11217	7.7	59 39.48	+4.0314+.0141	−36 36 58.9	−5.217+.570	9.7	4
11129	11221	8.0	59 49.87	+4.0263+.0140	−36 27 52.2	−5.202+.569	9.8	4
11130	11435	9.5	59 50.41	+4.3328+.0184	−44 19 2.9	−5.202+.612	10.0	4
11131	11935	8.4	59 50.61	+3.6841+.0100	−25 21 10.8	−5.201+.521	10.2	4
11132	11436	8.4	59 54.07	+4.3386+.0184	−44 26 56.2	−5.197+.613	10.2	4
11133	11244	8.1	59 55.19	+4.5004+.0210	−47 53 16.7	−5.195+.636	10.2	4
11134	11438	10.0	17 0 3.96	+4.3328+.0183	−44 18 41.4	−5.183+.612	10.5	2
11135	4505	7.2	0 6.58	+3.5928+.0090	−21 56 55.6	−5.179+.508	9.5	4
11136	2032	7.8	0 7.75	+7.2262+.0952	−72 44 1.2	−5.177+1.02	10.0	4
11137	11209	8.6	0 13.86	+4.3940+.0192	−45 39 51.4	−5.169+.621	10.0	4
11138	12799	10.1	0 14.82	+3.7639+.0108	−28 9 57.9	−5.167+.532	9.5	1
11139	11274	6.1	0 15.19	+4.0492+.0142	−37 6 15.2	−5.167+.572	9.7	4
11140	12800	7.4	0 15.88	+3.7809+.0110	−28 44 59.1	−5.166+.535	9.9	4
11141	11306	6.3	0 28.84	+3.9880+.0134	−35 19 43.6	−5.148+.564	9.4	4
11142	11880	7.5	0 30.63	+3.7153+.0102	−26 27 28.4	−5.145+.526	9.7	4
11143	11417	9.2	0 36.66	+4.3020+.0177	−43 35 1.0	−5.137+.608	9.5	4
11144	11221	7.2	0 38.58	+4.4467+.0199	−46 46 8.2*	−5.134+.629	10.0	4,3
11145	11310	7.3	0 39.53	+4.0096+.0136	−35 57 21.8	−5.133+.567	9.7	4
11146	13197	7.5*	0 45.63	+3.8193+.0113	−30 1 37.9	−5.124+.540	9.9	4
11147	4512	6.3	0 49.27	+3.5799+.0088	−21 26 25.8	−5.119+.507	10.2	4
11148	11450	7.1	0 50.61	+4.3344+.0181	−44 19 16.7	−5.117+.613	9.9	4
11149	11218	9.7	0 51.41	+4.3965+.0190	−45 41 48.3	−5.116+.622	10.3	1
11150	11223	7.0	0 55.88	+4.4371+.0197	−46 33 33.8	−5.110+.628	9.6	4

11126S.P. $32^{s}.92$, $33''.0$. 10.1, 5. 11144 ($11''.4$).

No.	Name	Mag.	R. A. 1910	Prec. and Sec. Var.	Decl. 1910	Prec. and Sec. Var.	Epoch.	No. Obs.
		M	h m s	s s	° ′ ″	″ ″		
11151	11423	9.2	17 0 56.85	+4.3080+.0177	−43 42 46.8	−5.108+.610	10.2	4
11152	12821	10.1	1 0.43	+3.7638+.0107	−28 8 29.2	−5.103+.533	9.6	1
11153	11455	8.9	1 7.57	+4.3462+.0182	−44 34 44.0	−5.093+.615	9.9	4
11154	3142	4.9	1 12.25	+2.7773+.0038	+12 51 49.7	−5.086+.394	10.0	16,24
11155	1126	7.4	1 12.76	+9.3073+.1872	−78 17 11.8	−5.086+1.31	10.0	4
11156	11450	6.8	1 18.21	+4.5474+.0213	−48 45 48.2	−5.078+.644	9.8	4
11157	11896	6.2	1 18.55	+3.7140+.0101	−26 23 30.5	−5.078+.526	9.8	4
11158	11854	8.2	1 22.96	+4.2722+.0170	−42 51 24.2	−5.071+.605	9.4	4
11159	11282	7.2	1 45.53	+4.2167+.0161	−41 29 39.7	−5.039+.597	9.6	4
11160	11463	9.6	1 46.15	+4.3459+.0180	−44 33 6.5	−5.039+.615	9.7	4
11161	5842	6.5	1 53.23	+5.4609+.0393	−61 33 29.4	−5.029+.773	9.5	4
11162	11467	10.0	1 54.72	+3.7606+.0105	−28 0 25.4*	−5.026+.533	9.9	4
11163	13818	7.1	1 57.12	+3.8486+.0114	−30 57 26.1	−5.023+.545	9.8	4
11164	11176	7.0	1 59.22	+4.1935+.0157	−40 54 20.6	−5.020+.594	9.7	4
11165	11467	9.1	2 1.84	+4.3627+.0182	−44 55 7.0	−5.016+.618	9.5	4
11166	2361	6.3	2 8.69	+6.7481+.0753	−70 36 16.8	−5.007+.955	9.4	4
11167	11470	9.0*	2 13.66	+4.3683+.0182	−45 2 10.4	−5.000+.619	9.8	4
11168	11503	7.1	2 15.62	+3.9749+.0129	−34 53 8.1	−4.997+.563	9.4	4
11169	13119	7.2	2 25.19	+3.6728+.0095	−24 52 46.0	−4.984+.521	9.5	4
11170	11257	7.9	2 29.06	+4.0312+.0135	−36 31 22.5	−4.978+.571	9.7	4
11171	11145	7.7*	2 30.73	+4.1291+.0147	−39 13 10.9	−4.976+.585	9.4	4
11172	11474	8.3	2 40.23	+3.7605+.0104	−27 59 5.1	−4.962+.533	9.5	4
11173	8336	8.9	2 45.20	+5.1359+.0316	−57 53 17.7	−4.955+.728	9.3	1
11174	13840	5.8	3 2.53	+3.8290+.0110	−30 17 6.1	−4.931+.543	9.8	6
11175	11250	7.1	3 11.11	+4.4577+.0193	−46 54 55.5	−4.919+.632	9.5	4
11176	11251	8.2	3 14.56	+4.3918+.0182	−45 31 7.2	−4.914+.623	9.5	4
11177	3070	7.5	3 18.42	+6.0519+.0531	−66 29 45.9	−4.908+.858	9.7	4
11178	8347	6.8*	3 25.62	+5.1392+.0314	−57 54 39.4	−4.898+.728	9.5	4,3
11179	3071	9.0	3 38.44	+6.0529+.0528	−66 29 44.2	−4.880+.858	9.8	4,3
11180	11258[1]	7.0	3 39.94	+4.4444+.0189	−46 37 24.4	−4.878+.630	9.5	4
11181	11258[2]	7.9	3 40.21	+4.4445+.0189	−46 37 32.5	−4.878+.631	9.5	4
11182	8059	7.0	3 40.31	+5.0358+.0292	−56 33 55.6	−4.877+.714	9.5	4
11183	11211	9.4	3 49.78	+4.6179+.0216	−50 0 22.8	−4.864+.655	9.7	4
11184	7009	7.3	3 54.63	+5.2051+.0324	−58 42 5.1	−4.857+.738	9.7	4
11185	4070	7.0	4 1.40	+5.6817+.0430	−63 34 22.4	−4.848+.806	9.7	4
11186	3296	5.9	4 5.44	+6.1400+.0547	−67 4 59.2	−4.842+.871	9.6	5
11187	11502	5.1	4 10.94	+4.3445+.0173	−44 26 32.4	−4.834+.617	9.4	4
11188	11216	7.5	4 29.12	+4.6190+.0214	−50 0 22.0	−4.808+.656	9.5	4
11189	11267	7.6	4 39.61	+4.4195+.0182	−46 4 9.0	−4.793+.628	9.7	4
11190	11331	7.7	4 42.12	+4.2136+.0153	−41 19 34.9	−4.790+.599	9.4	4
11191	11492	6.0	4 48.00	+4.5530+.0202	−48 45 40.2	−4.782+.647	9.7	4
11192	3408	8.3	4 53.01	+5.9308+.0485	−65 34 37.3	−4.774+.842	9.7	4
11193	11336	8.5	4 53.59	+4.2143+.0153	−41 20 12.4	−4.774+.599	9.4	4
11194	1610	6.4	4 56.40	+7.7293+.1056	−74 25 29.0	−4.770+1.10	9.8	4
11195	8445	7.3	5 0.55	+4.8118+.0244	−53 15 51.6	−4.764+.683	10.0	4
11196	3409	7.3	5 8.14	+5.9683+.0492	−65 51 4.7	−4.753+.847	10.0	4
11197	7014	7.2	5 11.42	+5.1900+.0314	−58 29 3.4	−4.748+.737	9.8	4
11198	4467	2.6	5 12.93	+3.4354+.0071	−15 36 51.2	−4.746+.489	9.9	47,67
11199	11273	7.5	5 14.50	+4.4059+.0178	−45 45 36.8	−4.744+.626	10.0	4
11200	11345	8.9	5 27.99	+4.2372+.0154	−41 53 9.0	−4.725+.602	9.8	4

11162 24″.7, 27″.3, 24″.7, 24″.9.

No.	Name	Mag.	R. A. 1910	Prec. and Sec. Var.	Decl. 1910	Prec. and Sec. Var.	Epoch.	No. Obs.
		M	h m s	s s	° ′ ″	″ ″		
11201	2047	8.0	17 5 28.11	+7.1789+.0848	−72 26 56.7	−4.725+1.02	10.2	4
11202	3607	7.6	5 38.75	+5.7986+.0445	−64 31 19.0	−4.710+.824	10.0	4
11203	8096	7.2	5 40.19	+4.9100+.0258	−54 44 27.5	−4.708+.698	10.1	4
11204	11485	3.4	5 42.29	+4.2891+.0161	−43 7 16.7	−4.705+.610	10.1	20
11205	5500	7.2	5 52.31	+5.5819+.0393	−62 37 32.4	−4.690+.793	9.7	4
11206	5501	8.7	5 56.82	+5.5938+.0395	−62 44 3.7	−4.684+.795	10.3	4
11207	11981	7.7	6 1.33	+3.7230+.0095	−26 35 27.5	−4.678+.530	9.8	4
11208	11182	5.6	6 3.13	+4.1398+.0140	−39 23 41.6	−4.675+.589	9.6	9
11209	11632	6.4	6 5.53	+4.1141+.0137	−38 42 39.6	−4.672+.585	10.0	4
11210	11633	8.1	6 7.24	+4.0988+.0135	−38 17 47.3	−4.669+.583	10.1	4
11211	8091	7.0	6 17.65	+5.0508+.0281	−56 41 29.7	−4.655+.718	9.5	4
11212	11990	6.8*	6 34.88	+3.7330+.0096	−26 55 49.8	−4.630+.531	9.4	4
11213	8098	6.0	6 37.01	+5.0582+.0281	−56 46 50.8	−4.627+.720	9.5	4
11214	12018	6.3	6 41.79	+3.6829+.0090	−25 8 39.9	−4.620+.524	10.0	4
11215	11338	8.0	6 43.42	+4.4741+.0184	−47 8 38.5	−4.618+.637	9.8	4
11216	11516	6.1	6 46.81	+3.7539+.0097	−27 39 6.1	−4.613+.534	9.7	4
11217	11340	7.0	6 48.49	+4.4775+.0184	−47 12 38.2	−4.611+.637	9.9	5
11218	1129	7.5	6 50.94	+9.7424+.1899	−78 57 57.0	−4.607+1.38	10.1	4
11219	11342	8.0	6 54.62	+4.5091+.0188	−47 50 27.4	−4.602+.642	9.5	4
11220	11994	8.5	7 0.12	+3.7328+.0094	−26 54 37.5	−4.594+.532	10.0	4
11221	7965	8.0	7 1.18	+4.9939+.0267	−55 54 2.3	−4.593+.711	9.7	4
11222	11383	6.7	7 1.35	+4.0832+.0132	−37 50 38.7	−4.593+.581	10.0	4
11223	11375	9.0	7 1.41	+4.2426+.0151	−41 58 9.5	−4.593+.604	9.3	1
11224	12460	6.0	7 7.44	+3.8959+.0110	−32 19 48.2	−4.584+.555	10.0	6
11225	11526	9.2	7 10.90	+4.3565+.0166	−44 37 18.0*	−4.579+.620	9.5	4
11226	11301	8.4	7 33.93	+4.3844+.0168	−45 13 31.2	−4.546+.624	9.7	4
11227	11303	9.2	7 39.75	+4.3898+.0169	−45 20 28.0	−4.538+.625	9.4	4
11228	11663[1]	6.9	7 44.35	+4.0965+.0131	−38 11 16.2	−4.532+.584	9.7	4
11229	11663[2]	9.4	7 44.49	+4.0965+.0131	−38 11 18.6	−4.531+.584	9.7	4
11230	11534	9.4	8 0.16	+4.3558+.0163	−44 34 57.3	−4.509+.621	9.4	4
11231	1617	7.8	8 3.78	+7.7698+.1009	−74 30 17.8	−4.504+1.11	9.4	4
11232	11392	8.4	8 9.81	+4.2194+.0145	−41 22 3.0	−4.495+.601	9.5	4
10233	3080	6.8	8 13.22	+6.1180+.0500	−66 50 42.4	−4.491+.871	9.5	4
11234	11212	6.6	8 13.34	+4.1523+.0137	−39 39 39.8	−4.490+.592	9.5	4
11235	11541	9.1	8 22.08	+4.3561+.0162	−44 34 39.6	−4.478+.621	9.4	4
11236	11527	6.6	8 23.56	+3.7562+.0095	−27 41 26.2	−4.476+.536	9.5	4
11237	13312	9.5*	8 29.18	+3.8230+.0101	−29 56 35.5	−4.468+.545	9.6	4
11238	6737	7.6	8 30.83	+5.4088+.0337	−60 51 10.8	−4.466+.771	9.6	4
11239	12012	6.9	8 37.83	+3.7329+.0092	−26 52 38.4	−4.456+.532	9.9	8
11240	707	6.8	8 39.09	+13.229+.3939	−82 41 22.7	−4.454+1.88	9.6	5
11241	11118	7.3	8 42.55	+4.6805+.0207	−50 58 45.6	−4.449+.667	9.7	4
11242	11547	8.2	8 45.72	+4.3443+.0160	−44 18 7.8	−4.444+.619	9.4	4
11243	13318	9.8	8 55.99	+3.8176+.0099	−29 45 13.7	−4.430+.545	10.0	4
11244	11867	7.9	9 4.45	+3.9400+.0111	−33 38 29.8	−4.418+.562	9.7	4
11245	11680	6.7	9 13.12	+4.0951+.0128	−38 6 33.2	−4.405+.584	9.5	4
11246	11325	7.9	9 14.67	+4.4337+.0170	−46 14 1.7	−4.403+.632	9.5	4
11247	11875	5.5	9 24.71	+3.9338+.0110	−33 26 42.2	−4.389+.561	9.5	4
11248	11286	7.4	9 25.88	+4.5970+.0192	−49 27 28.5	−4.387+.656	9.8	4
11249	6749	7.5	9 26.85	+5.4004+.0330	−60 44 35.1	−4.386+.770	9.8	4
11250	11686	6.1	9 26.90	+4.1091+.0129	−38 28 50.3	−4.386+.586	9.5	4

11225 17″.4, 19″.6, 17″.7, 17″.4.

No.	Name	Mag.	R. A. 1910	Prec. and Sec. Var.	Decl. 1910	Prec. and Sec. Var.	Epoch.	No. Obs.
		M	h m s	s s	° ′ ″	″ ″		
11251	12025	7.7	17 9 37.99	+3.7208+.0090	−26 25 40.8	−4.370+.531	9.8	4
11252	11557	9.7	9 40.84	+4.3452+.0157	−44 17 43.7	−4.366+.620	9.9	4
11253	11590	7.8*	9 42.72	+3.9606+.0112	−34 14 58.8	−4.363+.565	9.8	4
11254	11538	8.7	9 43.17	+3.7622+.0093	−27 51 59.2	−4.363+.537	10.2	4
11255	11418	9.6	9 44.27	+4.2113+.0140	−41 7 20.9	−4.361+.601	10.2	4
11256	11420	9.2	9 48.41	+4.2284+.0142	−41 32 41.4	−4.355+.604	10.2	4
11257	12026[1]	5.3	9 48.70*	+3.7221+.0089	−26 28 16.9*	−4.355+.531	10.1	4
11258	12026[2]	5.3	9 48.69*	+3.7221+.0089	−26 28 12.6*	−4.355+.531	10.1	4
11259	11983	6.9	9 53.82	+4.2570+.0145	−42 14 14.2	−4.348+.608	9.9	4
11260	11887	6.6	9 55.57	+3.9404+.0110	−33 38 4.7	−4.345+.563	9.8	4
11261	11561	7.7	10 1.43	+4.3619+.0158	−44 39 37.2	−4.337+.622	10.0	4
11262	13968	6.2	10 6.41	+3.8292+.0099	−30 6 26.9	−4.330+.547	9.8	4
11263	2715	6.6	10 12.89	+6.6469+.0617	−69 56 35.3	−4.320+.948	10.2	4
11264	266	8.1	10 20.42	+29.579+2.373	−87 10 52.0	−4.310+4.21	9.4	4
11265	11426	6.2	10 21.11	+4.0083+.0116	−35 38 25.1	−4.309+.572	9.5	4
11266	5518	6.6	10 26.14	+5.6096+.0365	−62 46 31.7	−4.302+.801	9.8	4
11267	1368	7.0	10 28.39	+8.0295+.1052	−75 14 49.9	−4.298+1.15	10.3	4
11268	11564	6.8	10 32.12	+4.3633+.0157	−44 40 41.6	−4.293+.623	9.7	5
11269	3207[1]	Var.	10 32.59	+2.7351+.0034	+14 29 32.1	−4.292+.391	10.0	25,33
11270	3207[2]	5.4	10 32.84	+2.7351+.0034	+14 29 30.4	−4.292+.391	10.1	1
11271	12036	6.7	10 41.28	+3.7211+.0088	−26 25 1.3	−4.280+.532	10.0	4
11272	11270	7.2	10 51.64	+4.1424+.0129	−39 19 44.6	−4.265+.592	9.5	4
11273	12058	7.1	10 55.31	+3.6872+.0085	−25 12 17.9	−4.260+.527	10.0	4
11274	4559	7.5	11 0.54	+3.5936+.0077	−21 45 12.3	−4.253+.514	9.8	4
11275	11306	7.8	11 5.28	+4.5938+.0186	−49 21 12.2	−4.246+.656	9.7	4
11276	13986	7.2	11 8.84	+3.8343+.0097	−30 15 4.7	−4.241+.548	9.8	4
11277	267	7.7	11 10.48	+30.861+2.556	−87 18 31.6	−4.238+4.40	9.4	4
11278	12545	5.6	11 12.28	+3.9067+.0104	−32 33 42.6	−4.236+.558	9.8	12
11279	6954	6.0	11 14.40	+5.2988+.0299	−59 35 49.9	−4.233+.757	10.5	4
11280	11576	8.5	11 16.01	+4.3463+.0152	−44 16 42.1	−4.230+.621	10.0	4
11281	3221	3.2	11 20.07	+2.4649+.0030	+24 56 40.9	−4.225+.353	10.2	17,23
11282	11441	8.1	11 20.20	+4.0026+.0113	−35 26 58.3	−4.224+.572	9.9	4
11283	11158	7.1	11 26.00	+4.6358+.0190	−50 6 43.9	−4.216+.662	10.2	4
11284	11445	8.0	11 26.33	+4.0023+.0113	−35 26 15.5	−4.216+.572	10.2	4
11285	11567	7.1	11 32.78	+4.3116+.0147	−43 28 44.4	−4.207+.616	10.0	4
11286	13996	6.9	11 35.63	+3.8289+.0096	−30 3 55.6	−4.202+.548	10.1	4
11287	11445	8.1	11 36.83	+4.2476+.0140	−41 57 44.3	−4.201+.607	10.2	4
11288	11407	7.2	11 38.12	+4.5096+.0172	−47 43 8.9	−4.199+.645	10.0	4
11289	12006	7.6	11 39.46	+4.2826+.0143	−42 47 57.2	−4.197+.612	10.3	4
11290	2844	3.4	11 54.70	+2.0908+.0032	+36 54 36.4	−4.175+.300	9.4	4
11291	11730	6.7	11 56.38	+4.0962+.0122	−38 3 57.0	−4.173+.586	9.9	4
11292	11288	7.2	11 57.57	+4.1536+.0128	−39 35 33.8	−4.171+.594	9.9	4
11293	11367	7.3	11 59.90	+4.4598+.0164	−46 42 7.6	−4.168+.638	10.3	4
11294	2719	5.6	12 3.27*	+6.6700+.0600	−70 1 46.5	−4.163+.953*	9.9	13
11295	12048	6.9	12 3.91	+3.7252+.0086	−26 31 49.8	−4.162+.533	10.0	4
11296	8529	8.2	12 4.61	+4.8254+.0216	−53 17 6.1	−4.161+.690	10.3	4
11297	8191	7.4	12 4.80	+4.9409+.0233	−55 1 12.1	−4.161+.708	10.0	4
11298	11370	5.6	12 13.22	+4.4524+.0163	−46 32 34.7	−4.149+.637	10.0	4
11299	11588	9.6	12 15.34	+4.3459+.0149	−44 14 30.3	−4.146+.622	10.3	4
11300	11572	6.1	12 17.04	+4.3366+.0148	−44 1 57.8	−4.143+.620	9.8	4

11294S.P. $3^{s}.27$, $47.^{''}5$, 10.2, 8. 11257 pr. 11258 fol.

No.	Name	Mag.	R. A. 1910	Prec. and Sec. Var.	Decl. 1910	Prec. and Sec. Var.	Epoch.	No. Obs.
		M	h m s	s s	° ′ ″	″ ″		
11301	2371	7.2	17 12 23.75	+6.7344+.0613	−70 20 54.1	−4.134+.962	10.5	4
11302	11387	9.0	12 26.27	+4.3993+.0156	−45 24 54.7	−4.130+.629	10.0	4
11303	12573	6.4	12 28.68	+3.9043+.0102	−32 27 21.8	−4.127+.559	9.8	4
11304	13255[1]	6.9	12 31.16	+3.6599+.0080	−24 11 12.2	−4.123+.524	10.2	4
11305	13255[2]	5.4	12 31.24	+3.6600+.0080	−24 11 23.2	−4.123+.524	10.2	4
11306	11324	6.5	12 32.98	+4.6294+.0185	−49 58 2.2	−4.121+.662	9.8	4
11307	3310	4.7	12 34.88*	+6.2580+.0490	−67 40 39.2*	−4.118+.895	9.9	12,11
11308	13297	6.7	12 37.21	+3.6542+.0080	−23 58 27.3	−4.115+.523	10.2	4
11309	13363	7.8*	12 38.74	+3.8209+.0094	−29 46 37.5	−4.112+.547	9.8	4
11310	4088	7.0	12 39.65	+5.6946+.0366	−63 29 16.7	−4.111+.814	10.2	4
11311	6969	7.0	12 40.84	+5.2795+.0287	−59 20 45.1	−4.110+.755	10.2	4
11312	11626	6.1	12 49.52	+3.9848+.0109	−34 53 22.8	−4.097+.570	9.8	5
11313	11392	7.2	12 52.69	+4.4059+.0155	−45 32 41.0	−4.093+.630	9.9	4
11314	11595	6.9	12 53.21	+4.3415+.0147	−44 7 38.8*	−4.092+.621	10.2	5,4
11315	11605	6.8	13 1.56	+4.5488+.0173	−48 26 57.6	−4.080+.651	9.7	4
11316	11475	8.7	13 15.09	+4.2416+.0135	−41 46 33.9	−4.061+.607	9.5	4
11317	3095	7.4	13 23.68	+6.0369+.0432	−66 10 37.8	−4.048+.864	9.5	4
11318	11477	7.3	13 23.91	+4.2484+.0135	−41 56 8.0	−4.048+.608	9.4	4
11319	13838	7.0	13 28.17	+3.8673+.0096	−31 15 57.4	−4.042+.554	9.4	4
11320	13382	8.5	13 47.52	+3.8043+.0090	−29 11 59.2	−4.014+.545	9.6	1
11321	11489	9.1	14 4.96	+4.2147+.0130	−41 5 28.5	−3.989+.604	9.5	4
11322	11610	8.1	14 8.13	+4.3615+.0146	−44 32 32.8	−3.985+.625	9.8	5
11323	11408	7.1	14 14.30	+4.3974+.0150	−45 19 38.6	−3.976+.630	9.4	4
11324	11203	7.7	14 17.60	+4.6919+.0188	−51 1 48.8	−3.971+.672	9.5	4
11325	11487	7.2*	14 33.96	+4.0936+.0116	−37 55 42.6	−3.948+.586	9.4	4
11326	828	5.9	14 36.41*	+11.142+.2272	−80 46 39.1*	−3.945+1.59	10.1	24,23
11327	11503	8.2	14 39.73	+4.2436+.0131	−41 47 17.2	−3.940+.608	9.4	4
11328	13411	6.8	14 44.64	+3.8071+.0089	−29 16 20.3	−3.933+.546	9.5	4
11329	11487	9.3	14 49.96	+4.0240+.0108	−35 58 50.6	−3.925+.577	9.3	1
11330	12081	7.1	14 55.29	+3.7248+.0082	−26 27 28.2	−3.918+.534	9.5	4
11331	11513	9.3	14 55.53	+4.2449+.0130	−41 48 45.0	−3.917+.608	9.4	4
11332	7086	7.0	14 59.26	+5.2015+.0260	−58 22 53.7	−3.912+.745	9.8	4
11333	3438	6.9	14 59.33	+5.9638+.0402	−65 36 48.8	−3.912+.854	9.6	4
11334	8227	6.9	15 8.27	+4.8897+.0211	−54 11 37.3	−3.899+.701	9.5	4
11335	8478	5.9	15 9.42	+5.1640+.0253	−57 55 14.8	−3.897+.740	9.5	4
11336	11629	9.6	15 29.82	+4.3459+.0140	−44 9 31.9	−3.868+.623	9.5	4
11337	8191	5.8	15 31.58	+5.0490+.0233	−56 26 13.4	−3.866+.724	9.5	4
11338	12071	7.2	15 33.53	+4.2571+.0130	−42 5 32.2	−3.863+.610	9.8	4
11339	5558	5.9	15 33.78	+5.6216+.0330	−62 46 35.1	−3.862+.806	10.1	5
11340	13896	7.5*	15 36.46	+3.8759+.0093	−31 29 27.6	−3.859+.556	9.9	4
11341	4731	4.5	15 36.50	+3.5764+.0070	−21 1 1.1	−3.858+.513	10.0	8
11342	10610	8.0	15 38.91	+4.8059+.0197	−52 53 19.6	−3.855+.689	10.2	4
11343	11632	9.0	15 50.23	+4.3684+.0142	−44 39 10.1	−3.839+.627	10.1	4
11344	12090	7.7	15 50.41	+3.7240+.0081	−26 24 39.1	−3.839+.534	10.3	4
11345	11362	6.4	15 53.25	+4.2140+.0125	−41 1 53.7	−3.834+.605	10.2	4
11346	7099	6.8	15 53.53	+5.2196+.0258	−58 34 39.6	−3.834+.749	10.0	4
11347	11441	6.8	16 9.06	+4.4088+.0145	−45 31 33.7	−3.812+.633	9.6	4
11348	13288	6.6	16 10.29	+3.6792+.0077	−24 48 56.9	−3.810+.528	10.0	4
11349	6800	6.0	16 11.63	+5.3998+.0286	−60 35 13.3	−3.808+.775	9.5	4
11350	3105	7.3	16 20.95	+6.0623+.0409	−66 18 11.6	−3.795+.869	9.7	4

11307 S.P. $34^s.84$, $39''.7$, 10.2, 4.

11314 ($35''.0$).

11326 S.P. $36^s.44$, $38''.7$, 9.9, 8.

No.	Name	Mag.	R. A. 1910	Prec. and Sec. Var.	Decl. 1910	Prec. and Sec. Var.	Epoch.	No. Obs.
		M	h m s	s s	° ′ ″	″ ″		
11351	14090	7.2	17 16 22.89	+3.8428+.0089	−30 24 45.4	−3.792+.552	9.7	4
11352	13913	7.8	16 26.71	+3.8766+.0092	−31 29 48.0	−3.787+.556	9.9	4
11353	13292	3.4	16 28.87	+3.6820+.0077	−24 54 37.6	−3.784+.529	10.0	17,31
11354	11484	5.5	16 30.63	+4.4988+.0154	−47 22 49.3	−3.781+.646	9.7	4
11355	11507	6.3	16 30.88	+4.0875+.0111	−37 43 0.5	−3.781+.587	9.8	4
11356	11801	7.3	16 32.20	+4.1021+.0112	−38 6 51.7	−3.779+.589	9.8	4
11357	13918	8.3	16 33.57	+3.8676+.0091	−31 12 30.4	−3.777+.555	10.3	4
11358	11505	6.3	16 35.15	+4.0200+.0104	−35 49 30.5	−3.775+.577	10.0	4
11359	13340	8.2	16 38.18	+3.6428+.0074	−23 29 7.2	−3.770+.523	10.2	4
11360	11644	8.0	16 39.21	+4.3682+.0139	−44 37 43.3	−3.769+.627	10.1	4
11361	11512	6.0	16 48.15	+4.0665+.0108	−37 7 57.1	−3.756+.584	9.8	4
11362	11388	9.3	16 58.68	+4.5992+.0165	−49 18 18.0	−3.741+.660	9.6	1
11363	11459	8.6	16 59.48	+4.4017+.0142	−45 21 7.3	−3.740+.632	10.0	4
11364	8215	9.0	17 0.61	+5.0486+.0226	−56 23 54.4	−3.738+.725	9.9	4
11365	11390	7.9	17 10.92	+4.5994+.0164	−49 18 15.8	−3.723+.660	9.5	4
11366	2896	5.4	17 17.48	+2.2332+.0030	+32 34 58.0	−3.714+.321	10.0	8
11367	8269	7.0	17 25.19	+4.9123+.0204	−54 28 35.9	−3.703+.705	9.6	4
11368	830	7.7	17 32.11	+11.361+.2226	−80 59 40.5	−3.693+1.63	9.4	4
11369	13308	7.4	17 37.71	+3.6854+.0075	−25 0 41.3	−3.685+.530	9.5	4
11370	11668	8.5	17 39.29	+4.3428+.0134	−44 2 14.9	−3.683+.624	9.7	4
11371	11653	8.2	17 40.94	+4.3288+.0132	−43 43 11.1	−3.680+.622	9.9	4
11372	11669	5.1	17 41.51	+4.3446+.0134	−44 4 37.2	−3.680+.624	9.7	4
11373	13081	5.4	17 41.65	+3.7727+.0082	−28 3 22.6	−3.679+.542	10.0	4
11374	8100	2.8	17 48.93*	+4.9803+.0212	−55 26 44.1	−3.669+.715	10.1	24
11375	8225	3.5	17 48.96	+5.0421+.0220	−56 17 37.7	−3.669+.724	9.4	8
11376	11570	8.9	17 55.20	+4.2187+.0120	−41 5 54.0*	−3.660+.606	9.8	4
11377	4103	8.1	18 0.65	+5.7351+.0332	−63 43 57.6	−3.652+.824	9.5	4
11378	11258	7.7	18 5.76	+4.6590+.0168	−50 21 49.4	−3.645+.669	9.8	4
11379	5577	6.8	18 7.88	+5.6341+.0313	−62 50 25.7	−3.642+.809	10.0	4
11380	11680	6.8	18 8.11	+4.3833+.0137	−44 55 30.6	−3.642+.630	10.0	4
11381	13474	7.6	18 9.57	+3.8232+.0085	−29 44 7.7	−3.639+.550	10.3	7
11382	11665	7.1*	18 9.83	+3.9828+.0098	−34 42 33.4	−3.639+.572	9.7	4
11383	11478	6.8	18 11.88	+4.4391+.0142	−46 7 4.1	−3.636+.638	9.9	4
11384	11582	7.9	18 29.18	+4.2322+.0120	−41 25 4.5	−3.611+.608	9.9	4
11385	13366	6.7	18 34.53	+3.6512+.0072	−23 45 35.4	−3.604+.525	9.7	4
11386	13484	7.7	18 35.10	+3.8250+.0084	−29 47 11.2	−3.603+.550	10.1	4
11387	2380	7.3	18 37.64	+6.7962+.0546	−70 33 13.9	−3.599+.976	9.8	4
11388	13101	8.0	18 41.96	+3.7884+.0081	−28 34 10.0	−3.593+.545	9.9	5
11389	11549	9.6	18 50.99	+4.0880+.0106	−37 40 36.1	−3.580+.588	9.9	4
11390	11269	5.2	18 58.82	+4.6708+.0166	−50 33 7.1	−3.569+.672	9.5	4
11391	11431	7.0	19 2.31	+4.6207+.0160	−49 39 11.5	−3.564+.664	9.5	4
11392	11674	6.3	19 4.01	+3.9802+.0096	−34 36 46.9	−3.561+.572	9.7	4
11393	11506	8.2*	19 5.47	+4.3962+.0135	−45 11 3.7	−3.559+.632	9.7	4
11394	11703	7.9	19 6.68	+4.3739+.0132	−44 41 51.3	−3.551+.629	9.7	4
11395	11676	7.1	19 10.41*	+3.9758+.0095	−34 28 45.6	−3.552+.572	10.1	6,7
11396	11600	8.8	19 14.76	+4.2263+.0117	−41 15 25.8	−3.546+.608	9.7	4
11397	11677	6.9	19 15.62	+3.9714+.0095	−34 20 47.1	−3.545+.571	9.8	4
11398	4597	6.0	19 18.99	+3.5869+.0066	−21 21 29.6	−3.540+.516	10.2	4
11399	11679	7.1	19 21.41	+3.9654+.0094	−34 10 1.2	−3.536+.571	9.9	4
11400	11684	9.5	19 30.83	+4.3416+.0128	−43 58 9.5	−3.523+.625	9.8	4

11374 $49^{s}.14$ included.

11376 $54''.8$, $52''.0$, $53''.2$, $55''.2$

11395 ($10^{s}.60$).

No.	Name	Mag.	R. A. 1910	Prec. and Sec. Var.	Decl. 1910	Prec. and Sec. Var.	Epoch.	No. Obs.
		M	h m s	s s	° ′ ″	″ ″		
11401	11697	7.2	17 19 30.86	+4.5613+.0152	−48 32 1.7	−3.523+.656	9.8	4
11402	13325	6.3	19 36.06	+3.6628+.0071	−24 9 43.1	−3.515+.527	10.0	4
11403	5590	6.4	19 38.20	+5.6500+.0304	−62 57 25.7	−3.512+.812	9.7	5
11404	4105	8.0	19 40.42	+5.7401+.0320	−63 44 43.0	−3.509+.825	10.0	4
11405	13510	6.7	19 45.49	+3.8197+.0082	−29 35 20.0	−3.502+.550	10.2	4
11406	10881	6.5	19 48.07	+4.7489+.0173	−51 52 7.7	−3.498+.683	9.4	4
11407	11725	7.8*	19 58.21	+4.3680+.0130	−44 32 57.1	−3.484+.629	9.7	4
11408	11569	8.2	19 58.38	+4.0834+.0103	−37 31 44.8	−3.483+.588	9.5	4
11409	11527	7.6	20 5.95	+4.4233+.0135	−45 44 36.8	−3.472+.637	9.6	4
11410	11283	6.1	20 11.28	+4.6722+.0162	−50 33 4.0	−3.465+.672	9.7	4
11411	11685	8.4	20 11.44	+3.9764+.0093	−34 28 37.9	−3.464+.572	9.6	4
11412	11726	8.4	20 11.50	+3.9211+.0089	−32 48 32.4	−3.464+.564	10.3	1
11413	11531[1]	5.8	20 13.00	+4.4244+.0134	−45 45 47.2	−3.462+.637	9.5	3
11414	11531[2]	7.1	20 13.26	+4.4244+.0134	−45 45 46.6	−3.462+.637	9.5	5
11415	8619	7.0	20 18.20	+4.8286+.0180	−53 8 37.8	−3.455+.695	9.6	4
11416	11549	7.0	20 19.13	+4.4870+.0141	−47 3 26.0	−3.453+.646	9.8	4
11417	11494	7.5*	20 23.10	+4.0657+.0100	−37 1 55.9	−3.448+.585	9.7	4
11418	11652	7.4	20 27.32	+3.7584+.0076	−27 31 7.5	−3.442+.541	9.8	4
11419	2878[1]	5.3	20 34.26	+2.0721+.0031	+37 13 43.8	−3.432+.299	9.4	2
11420	2878[2]	4.5	20 34.56	+2.0721+.0031	+37 13 41.6	−3.431+.299	9.7	7
11421	13136	7.3	20 34.83	+3.7826+.0078	−28 20 10.6	−3.431+.545	9.7	4
11422	12737	7.9	20 41.50	+3.9240+.0088	−32 53 14.9	−3.421+.565	10.2	4
11423	12069	7.8	20 44.20	+3.9612+.0091	−34 0 47.0	−3.417+.570	10.0	4
11424	10662	5.8	20 47.53	+4.7714+.0171	−52 13 4.8	−3.413+.687	10.2	4
11425	13337	4.3	20 52.35	+3.6614+.0069	−24 5 35.6	−3.406+.528	10.1	18,22
11426	11711	7.2	21 3.33	+4.3208+.0122	−43 27 45.2	−3.390+.622	9.5	4
11427	8623	7.1	21 3.33	+4.8817+.0184	−53 56 40.3	−3.390+.703	9.9	4
11428	6833	7.8	21 5.17	+5.4067+.0256	−60 33 48.1	−3.387+.778	9.8	4
11429	11743	9.0	21 6.21*	+4.3773+.0127	−44 43 43.6	−3.386+.630	9.8	4
11430	7141	7.1	21 7.83	+5.2610+.0234	−58 57 21.8	−3.384+.757	10.0	4
11431	11530	6.7	21 10.77	+4.4826+.0138	−46 56 56.6	−3.379+.646	10.0	4
11432	5937	6.7	21 11.38	+5.5178+.0272	−61 41 18.1	−3.378+.794	10.2	4
11433	8144	6.0	21 11.62	+4.9603+.0193	−55 5 34.7	−3.378+.714	10.3	5
11434	11569	7.8	21 14.11	+4.4994+.0139	−47 17 12.1	−3.375+.648	10.2	4
11435	11645	8.1	21 14.65	+4.2271+.0112	−41 14 2.6	−3.374+.609	10.0	4
11436	12141	7.4	21 15.42	+3.7223+.0073	−26 15 13.1	−3.373+.536	10.0	4
11437	12160	6.3	21 21.02	+3.7112+.0072	−25 51 53.3	−3.365+.535	9.5	4
11438	11748	8.7	21 24.40	+4.3737+.0126	−44 38 37.1	−3.360+.630	9.8	4
11439	13161	7.6	21 34.71	+3.7937+.0077	−28 41 31.2	−3.345+.547	9.8	4
11440	11589	6.6*	21 34.72	+4.0694+.0098	−37 6 30.0	−3.345+.586	9.9	4
11441	13557	4.4	21 36.39	+3.8268+.0079	−29 47 10.6	−3.342+.552	10.1	14
11442	11566	9.2	21 36.40	+4.4100+.0129	−45 25 33.1	−3.342+.635	10.2	4
11443	4275	4.6	21 51.28	+3.1880+.0044	− 5 0 28.1	−3.321+.460	9.5	4
11444	13563	5.9	21 53.21	+3.8227+.0078	−29 38 49.4	−3.318+.551	10.0	7
11445	3422	4.4	22 2.92	+2.9753+.0037	+ 4 13 4.4	−3.304+.429	10.0	11,23
11446	14063	7.7	22 23.25	+3.8688+.0081	−31 7 53.2	−3.275+.558	9.5	4
11447	11311	8.0	22 29.27	+4.6620+.0152	−50 19 26.5	−3.266+.672	9.5	4
11448	11741[1]	6.5	22 29.63	+4.3414+.0120	−43 53 56.8	−3.266+.626	9.7	4
11449	11741[2]	9.8	22 29.84	+4.3415+.0120	−43 54 10.3	−3.266+.626	9.7	4
11450	11557	7.8	22 40.99	+4.4681+.0131	−46 37 19.6	−3.250+.644	9.4	4

11429 $6^s.19$, $6^s.16$, $6^s.04$, $6^s.42$.

No.	Name	Mag.	R. A. 1910	Prec. and Sec. Var.	Decl. 1910	Prec. and Sec. Var.	Epoch.	No. Obs.
		M	h m s	s s	° ′ ″	″ ″		
11451	11587	9.2	17 22 46.15	+4.4034+.0125	−45 15 39.8	−3.242+.635	9.5	4
11452	11546	6.0	22 50.62	+4.0557+.0094	−36 42 13.7	−3.236+.585	9.5	4
11453	14077	7.7	22 51.95	+3.8747+.0080	−31 18 32.5	−3.234+.559	9.5	4
11454	14252	7.6	22 57.72	+3.8606+.0079	−30 51 25.8	−3.225+.557	10.2	8
11455	6842	3.8	22 58.28	+5.4143+.0244	−60 36 34.5	−3.225+.780	10.1	26
11456	12179	7.0	23 5.46	+3.6999+.0069	−25 26 7.5*	−3.214+.534	9.8	4
11457	12786	8.2	23 8.52	+3.9269+.0084	−32 55 50.2	−3.210+.566	10.0	4
11458	11593	9.7	23 12.50	+4.4218+.0125	−45 38 45.3	−3.204+.638	9.7	4
11459	11927	6.4	23 14.22	+4.1198+.0098	−38 26 37.4	−3.202+.594	10.0	4
11460	11784	7.8	23 17.75	+4.3766+.0120	−44 40 6.0	−3.197+.631	9.7	4
11461	14091	7.0*	23 23.31	+3.8798+.0080	−31 27 39.8	−3.189+.560	9.5	4
11462	12186	9.8	23 32.01	+4.2676+.0110	−42 10 3.4	−3.176+.616	9.6	1
11463	11598	8.7	23 37.23	+4.4211+.0124	−45 37 19.7	−3.169+.638	9.7	4
11464	8304	6.3	23 44.04	+5.0931+.0197	−56 51 0.1	−3.159+.734	9.5	4
11465	11763	7.5	23 58.58	+4.3331+.0115	−43 40 55.0	−3.138+.625	9.5	4
11466	11334	8.2	24 2.73	+4.6620+.0146	−50 17 31.3	−3.132+.673	9.7	4
11467	11765	6.9	24 5.18	+4.3101+.0112	−43 9 15.4	−3.128+.622	9.6	4
11468	12117	6.7	24 9.59	+3.9511+.0084	−33 38 41.1	−3.122+.570	10.0	7
11469	5621	7.7	24 20.26	+5.5731+.0258	−62 10 2.0	−3.107+.804	9.5	4
11470	2517	5.8	24 21.04	+1.5889+.0043	+48 20 6.3	−3.106+.230	10.2	14
11471	11638	2.8	24 38.63	+4.0758+.0092	−37 13 29.0	−3.080+.588	9.5	8
11472	11639	6.8	24 40.33	+4.0809+.0092	−37 21 57.2	−3.078+.589	9.5	4
11473	14133	7.7	24 48.95	+3.8975+.0078	−31 59 28.9	−3.065+.563	9.7	4
11474	11785	7.0	24 51.64	+4.5749+.0134	−48 40 56.9	−3.062+.660	9.6	4
11475	11511	3.0	24 52.96	+4.6357+.0132	−49 48 19.8	−3.060+.669	10.2	33
11476	11625	8.5	25 3.92	+4.4154+.0119	−45 28 18.8	−3.044+.638	9.6	4
11477	11812[1]	9.6	25 8.22	+4.3594+.0114	−44 15 3.7	−3.038+.629	9.9	4
11478	11626[2]	6.3	25 9.02	+4.4389+.0121	−45 58 4.5	−3.036+.641	9.9	4
11479	11812[2]	10.1	25 13.89	+4.3595+.0113	−44 15 7.7	−3.029+.630	9.4	1
11480	11628	6.8	25 16.48	+4.4417+.0120	−46 1 24.4	−3.026+.641	9.9	4
11481	7170	7.0	25 19.94	+5.2276+.0205	−58 29 26.8	−3.021+.755	9.4	4
11482	13409	7.4*	25 20.58	+3.6544+.0063	−23 46 19.0	−3.020+.528	9.7	4
11483	11553	7.5	25 22.47	+4.2198+.0101	−40 58 15.3	−3.017+.609	9.7	4
11484	11821[1]	10.0	25 34.30	+4.3599+.0112	−44 15 15.4	−3.000+.630	9.8	3
11485	11821[2]	9.5	25 34.84	+4.3598+.0112	−44 15 8.0	−2.999+.630	9.7	4
11486	5969	7.5	25 42.12	+5.5029+.0239	−61 27 56.3	−2.989+.794	9.5	4
11487	11826	9.0	25 42.18	+4.3625+.0112	−44 18 35.3	−2.989+.630	9.8	4
11488	12149	6.5	25 51.41	+3.9517+.0080	−33 38 3.9	−2.975+.571	10.0	7
11489	12232	8.0	25 55.01	+4.2673+.0104	−42 6 48.1	−2.970+.616	9.6	4
11490	13412	4.9	25 55.40	+3.6580+.0062	−23 53 37.4	−2.970+.528	9.9	12,22
11491	12152	6.0	26 9.05	+3.7230+.0066	−26 12 4.9	−2.950+.538	10.0	4
11492	14174	8.4	26 10.98	+3.8908+.0076	−31 45 34.8	−2.947+.562	9.5	4
11493	11840	9.1*	26 16.11	+4.3926+.0113	−44 57 36.2	−2.940+.635	9.8	4
11494	1637	7.5	26 25.19	+7.9558+.0689	−74 51 3.6	−2.927+1.15	9.6	4
11495	11757	6.3	26 26.88	+3.9714+.0080	−34 12 43.2	−2.924+.574	9.5	4
11496	11846	8.1	26 32.42	+4.3688+.0110	−44 25 58.1	−2.916+.631	9.5	4
11497	11652	7.1	26 36.12	+4.4155+.0114	−45 26 43.9	−2.911+.638	9.8	4
11498	10698	7.2	26 37.72	+4.8077+.0151	−52 41 27.1	−2.909+.695	9.7	4
11499	8387	6.8	26 45.32	+4.9488+.0165	−54 49 26.3	−2.898+.715	9.8	4
11500	11742	6.1	26 46.58	+4.2264+.0098	−41 6 26.9	−2.896+.611	9.9	4

11456 8″.2, 7″.5, 5″,7(?), 8″.5.

No.	Name	Mag.	R. A. 1910	Prec. and Sec. Var.	Decl. 1910	Prec. and Sec. Var.	Epoch.	No. Obs.
		M	h m s	s s	° ′ ″	″ ″		
11501	3124	7.3	17 26 50.97	+6.1583+.0326	−66 48 6.8	−2.889+.890	10.0	4
11502	3646	7.4	26 57.88	+5.9064+.0286	−64 58 55.4	−2.880+.854	9.9	4
11503	12245	7.4	27 3.59	+4.2775+.0101	−42 20 4.6	−2.871+.618	9.5	4
11504	3034	4.5	27 6.06	+2.4223+.0028	+26 10 40.7	−2.868+.351	10.4	4
11505	11854	9.1	27 8.94	+4.3608+.0108	−44 14 41.2	−2.864+.630	10.0	4
11506	12883	7.1	27 11.87	+3.9313+.0076	−32 59 33.6	−2.859+.568	10.1	7
11507	3465	7.5	27 12.91	+6.0344+.0303	−65 56 6.8	−2.858+.872	9.7	4
11508	14202	9.0	27 14.64	+3.8964+.0074	−31 54 53.3	−2.855+.563	10.2	4
11509	11660	8.1	27 17.95	+4.4216+.0112	−45 33 47.3	−2.850+.639	9.5	4
11510	13694	7.3	27 18.99	+3.8236+.0070	−29 35 9.1	−2.849+.553	9.5	4
11511	11821	7.9	27 20.33	+4.3505+.0106	−44 0 44.3	−2.847+.629	10.0	4
11512	11820	7.5	27 20.51	+4.5627+.0124	−48 24 15.7	−2.847+.660	10.1	4
11513	11632	7.8	27 21.50	+4.4683+.0116	−46 32 11.2	−2.845+.646	10.2	4
11514	11769	9.4	27 21.59	+3.9754+.0079	−34 18 55.8	−2.845+.575	9.8	4
11515	11857	9.5	27 25.31	+4.3630+.0107	−44 17 17.8*	−2.840+.631	9.9	4
11516	11821	6.6	27 25.64	+4.5659+.0125	−48 27 51.2	−2.839+.660	9.8	4
11517	11673	1.7	27 29.78	+4.0709+.0085	−37 2 20.0	−2.833+.589	10.1	25
11518	7071	6.4	27 33.18	+5.3442+.0206	−59 47 1.5	−2.828+.772	9.9	5
11519	11859	7.0*	27 34.75	+4.3929+.0109	−44 56 33.4	−2.826+.635	10.0	4
11520	4640	8.6	27 36.69	+3.6007+.0057	−21 45 42.0	−2.823+.521	10.1	4
11521	11759	8.0	27 42.11	+4.2466+.0097	−41 35 1.5	−2.816+.614	9.7	4
11522	11863	11.6	27 50.30	+4.3641+.0106	−44 18 20.6	−2.804+.631	9.3	1
11523	11593	7.3	27 55.60	+4.2214+.0095	−40 57 45.7	−2.796+.611	10.0	4
11524	560	7.8	27 56.73	+15.806+.3702	−84 4 0.7	−2.794+2.28	9.4	4
11525	11643	7.9	28 2.53	+4.5329+.0120	−47 48 59.6	−2.786+.656	9.5	4
11526	8682	6.3	28 3.03	+4.8474+.0149	−53 17 26.6	−2.786+.701	9.5	4
11527	11595	7.1	28 4.07	+4.2016+.0093	−40 28 5.1	−2.784+.608	9.7	4
11528	4366	7.8	28 9.47	+3.6102+.0057	−22 6 29.0	−2.776+.522	9.7	4
11529	11776	7.5	28 18.98	+4.2338+.0095	−41 15 42.2*	−2.762+.612	9.4	4
11530	346	Var.	28 26.05	+26.549+1.178	−86 46 22.0	−2.752+3.84	9.4	4
11531	4369	7.2*	28 35.16	+3.6336+.0057	−22 58 2.1	−2.739+.526	9.5	4
11532	2397	7.4	28 47.72	+6.8402+.0418	−70 38 14.4	−2.721+.989	9.5	4
11533	14242	7.1	28 48.21	+3.8938+.0071	−31 48 37.1	−2.720+.564	10.2	9
11534	12935	5.7	28 49.66	+3.9167+.0072	−32 31 12.2	−2.718+.567	9.6	4
11535	1142	6.8	28 53.29	+9.6636+.1072	−78 38 27.1	−2.713+1.40	9.6	4
11536	12018	6.6	28 53.77	+4.1348+.0086	−38 44 20.9	−2.712+.598	9.5	4
11537	11661	4.6	28 57.47	+4.4652+.0111	−46 26 39.9	−2.707+.646	9.3	4
11538	11890	9.7	29 17.42	+4.3574+.0101	−44 7 56.6	−2.678+.631	9.6	1
11539	11894	9.0	29 25.24	+4.3846+.0103	−44 43 46.0	−2.667+.635	9.4	4
11540	11896	9.3	29 33.73	+4.3580+.0101	−44 8 22.9	−2.654+.631	9.5	4
11541	11702	6.6	29 35.14	+4.0845+.0082	−37 22 45.8	−2.652+.591	9.4	4
11542	12035	7.6	29 45.88	+4.1230+.0084	−38 24 48.8	−2.637+.597	9.7	4
11543	11639	8.4	29 50.54	+4.1558+.0086	−39 16 22.7	−2.630+.602	9.9	4
11544	12037	7.0*	29 50.56	+4.1092+.0082	−38 2 31.1	−2.630+.595	9.7	4
11545	4659	6.6	29 53.61	+3.6074+.0054	−21 59 2.0	−2.626+.522	10.0	4
11546	7086	7.0	29 55.82	+5.3107+.0188	−59 22 32.6	−2.623+.769	9.7	4
11547	13393	7.9	30 3.12	+3.6782+.0058	−24 34 1.5	−2.612+.533	10.2	4
11548	12297	8.6	30 5.27	+4.3054+.0095	−42 56 10.4	−2.609+.623	10.0	4
11549	11900	8.2	30 5.88	+4.3749+.0100	−44 30 23.2	−2.608+.634	9.8	4
11550	11899	7.4	30 6.16	+4.3893+.0101	−44 49 14.7	−2.608+.636	10.0	4

11515 16″.7, 17″.4, 17″.9, 19″.4.

11529 43″.4, 40″.8, 42″.2, 42″.4.

No.	Name	Mag.	R. A. 1910	Prec. and Sec. Var.	Decl. 1910	Prec. and Sec. Var.	Epoch.	No. Obs.
		M	h m s	s s	° ′ ″	″ ″		
11551	12044	4.3	17 30 20.90	+4.1294+.0082	−38 34 21.2	−2.586+.598	9.6	4
11552	11575	7.2	30 21.55	+4.6071+.0118	−49 11 14.6	−2.585+.667	9.8	4
11553	8348	7.5	30 27.21	+5.0950+.0162	−56 45 50.4	−2.577+.738	10.0	4
11554	11577	5.9	30 28.06	+4.6520+.0121	−50 0 2.7	−2.576+.674	10.0	4
11555	8403	5.3	30 41.96	+4.9267+.0145	−54 26 26.3	−2.556+.713	9.8	4
11556	3252	2.1	30 45.38	+2.7756+.0029	+12 37 29.5	−2.551+.402	10.0	39,59
11557	12312	2.0	30 51.05	+4.3061+.0093	−42 56 28.8	−2.543+.624	10.0	16
11558	6887	7.3	30 52.65	+5.4526+.0198	−60 53 0.1	−2.540+.790	9.8	4
11559	13005	6.9	31 7.02	+3.9033+.0068	−32 4 15.6	−2.520+.566	9.6	4
11560	1852	7.2	31 9.77	+7.5034+.0502	−73 20 28.5	−2.516+1.09	10.2	4
11561	3343	6.6	31 15.10	+6.3218+.0306	−67 48 4.6	−2.508+.915	9.8	4
11562	11723	6.4	31 16.78	+4.1088+.0079	−38 0 37.3	−2.506+.595	9.7	4
11563	11648	7.2	31 17.81	+4.2153+.0086	−40 45 27.8	−2.504+.611	9.8	4
11564	12320	7.1	31 26.15	+4.2878+.0090	−42 30 11.5	−2.492+.621	9.5	4
11565	11863	6.9	31 38.94	+3.9771+.0071	−34 17 46.2	−2.473+.576	9.8	4
11566	12327	6.0	31 40.93	+4.3017+.0091	−42 49 29.3	−2.470+.623	9.8	4
11567	11734	7.0	31 41.79	+4.1014+.0078	−37 48 11.5	−2.469+.594	10.0	4
11568	11933	7.8*	31 54.89	+4.3907+.0096	−44 49 16.9	−2.450+.636	10.1	4
11569	13359	8.0	32 3.28*	+3.7892+.0060	−28 22 57.2	−2.438+.549	10.2	5,6
11570	11934	9.4	32 3.97	+4.3687+.0094	−44 20 17.8	−2.437+.633	10.2	4
11571	12334	7.5	32 9.76	+4.2957+.0089	−42 40 45.7	−2.429+.623	10.0	4
11572	11740	9.6	32 12.25	+4.4212+.0097	−45 28 23.9	−2.425+.641	10.2	4
11573	11938	7.8	32 14.00	+4.3557+.0093	−44 2 45.2	−2.423+.631	10.0	4
11574	11742	7.5	32 14.37	+4.4321+.0098	−45 42 9.5	−2.422+.642	10.0	4
11575	5657	8.4	32 17.43	+5.5792+.0203	−62 6 37.5	−2.418+.808	10.0	4
11576	4621	3.6	32 25.96	+3.4365+.0045	−15 20 33.5	−2.406+.498	9.5	8,10
11577	11764	7.0	32 31.75	+3.7778+.0059	−27 59 33.4	−2.397+.548	9.8	4
11578	11901	7.3	32 32.82	+4.3136+.0089	−43 5 18.6	−2.396+.625	9.8	4
11579	11670	8.6	32 37.17	+4.2248+.0083	−40 58 20.7	−2.389+.612	10.0	4
11580	11765	9.5	32 45.24	+4.0156+.0070	−35 24 0.2	−2.378+.582	9.7	4
11581	11905	7.8	33 1.35	+4.3456+.0090	−43 48 26.1	−2.353+.630	9.6	4
11582	469	6.4	33 7.68*	+18.824+.4631	−85 11 0.6*	−2.345+2.73	9.7	20,54
11583	11707	7.2	33 14.18	+4.1586+.0078	−39 17 33.5	−2.336+.603	9.6	4
11584	13387	7.4	33 19.85	+3.7890+.0058	−28 21 31.4	−2.327+.550	10.2	6
11585	4682	6.7	33 20.33	+3.6050+.0050	−21 51 36.5	−2.327+.523	10.1	4
11586	11616	4.8	33 26.63	+4.6191+.0108	−49 21 38.8	−2.318+.670	9.9	4
11587	2086	6.7	33 30.03	+7.2016+.0411	−72 10 39.5	−2.313+1.04	10.0	4
11588	13829	6.8	33 36.09	+3.8230+.0059	−29 28 45.3	−2.304+.555	9.6	4
11589	13830	7.5	33 41.30	+3.8362+.0060	−29 54 30.5	−2.296+.556	9.8	4
11590	13072	7.0	33 45.33	+3.9108+.0063	−32 16 8.9	−2.290+.567	9.6	4
11591	11619	7.4*	33 50.18	+4.6494+.0108	−49 54 14.8	−2.283+.674	9.6	4
11592	11721	7.5	33 55.53	+4.1537+.0076	−39 9 17.2	−2.276+.603	9.6	4
11593	11917	8.2	33 55.65	+4.3463+.0087	−43 48 43.3	−2.276+.631	9.7	4
11594	11920	7.3	34 2.73	+4.3830+.0089	−44 37 22.4	−2.265+.636	10.0	4
11595	11893	8.1	34 7.49	+4.2507+.0081	−41 34 51.0	−2.258+.617	9.7	4
11596	11966	8.6	34 8.27	+4.3699+.0088	−44 19 58.5	−2.257+.634	9.8	4
11597	13086	6.6	34 9.03	+3.9072+.0062	−32 9 3.5	−2.256+.567	10.0	4
11598	11701	9.4	34 11.25	+4.2050+.0078	−40 27 30.8	−2.253+.610	10.0	4
11599	8731	7.6	34 12.67	+4.8621+.0123	−53 25 22.4	−2.251+.705	10.2	4
11600	13102	7.1	34 18.99	+3.9090+.0062	−32 12 24.1	−2.242+.567	9.5	4

11582S.P. $7^s.79$, $0''.7$, 10.2, 15, 50; $(2''.7)$. 11569 $(3^s.10)$.

No.	Name	Mag.	R. A. 1910	Prec. and Sec. Var.	Decl. 1910	Prec. and Sec. Var.	Epoch.	No. Obs.
		M	h m s	s s	° ′ ″	″ ″		
11601	11747	6.1	17 34 31.57	+4.4905+.0095	−46 52 24.3	−2.224+.652	9.7	4
11602	11803	7.7	34 34.06	+4.0233+.0067	−35 35 53.2	−2.220+.584	10.2	6
11603	13418	7.1*	34 41.20	+3.8050+.0057	−28 52 26.3	−2.210+.552	9.8	4
11604	11908	8.6	34 48.04	+4.2537+.0079	−41 38 36.4	−2.200+.617	10.0	4
11605	11469	8.1	34 48.37	+4.6796+.0107	−50 25 29.5	−2.199+.679	10.0	4
11606	13129	7.2	34 51.55	+3.9060+.0061	−32 6 25.4	−2.195+.567	10.0	4
11607	11974	8.0	34 54.70	+4.3738+.0086	−44 24 32.0	−2.190+.635	10.1	4
11608	11717	8.0	34 58.24	+4.2243+.0078	−40 55 30.6	−2.185+.613	10.3	4
11609	11474	6.2	35 1.81	+4.6820+.0105	−50 27 48.3	−2.180+.679	9.5	4
11610	11796	8.1	35 3.02	+3.7743+.0055	−27 50 39.8	−2.178+.548	10.0	4
11611	11720	7.3	35 3.06	+4.5206+.0095	−47 27 57.8	−2.178+.656	9.8	4
11612	13142	7.4	35 6.47	+3.9080+.0060	−32 9 59.3	−2.173+.567	9.7	4
11613	13501	8.0	35 20.39	+3.6582+.0050	−23 47 18.1	−2.153+.531	10.0	4
11614	11949	7.6	35 21.86	+4.5794+.0098	−48 35 46.2	−2.151+.665	10.0	4
11615	8268	7.3	35 22.03	+5.0117+.0130	−55 34 53.4	−2.150+.727	10.0	4
11616	11933	9.8	35 24.84	+4.3545+.0084	−43 58 29.9	−2.146+.632	10.0	4
11617	8687	6.6	35 32.88	+5.1728+.0142	−57 40 44.1	−2.135+.751	10.1	5
11618	11074	7.8	35 35.49	+4.7610+.0110	−51 47 50.5	−2.131+.691	10.2	4
11619	11772	7.6	35 39.19	+4.4608+.0089	−46 15 10.5	−2.126+.648	9.8	4
11620	13169	8.0	35 46.19	+3.9050+.0059	−32 3 55.4	−2.115+.567	10.1	6
11621	4805	8.7	35 49.31	+3.3761+.0040	−12 52 6.7	−2.111+.490	9.6	1
11622	8405	6.9	35 52.08	+5.1172+.0136	−56 58 39.5	−2.107+.743	10.1	4
11623	11737	7.5	35 56.68	+4.2043+.0074	−40 25 0.0	−2.100+.610	10.2	4
11624	12361	6.7	36 3.12	+3.9508+.0061	−33 27 28.4	−2.091+.574	9.4	4
11625	11808	8.8	36 11.73	+4.4122+.0085	−45 13 32.8	−2.078+.641	9.7	4
11626	11795	9.6	36 13.19	+4.0704+.0066	−36 53 43.2	−2.076+.591	9.4	1
11627	12137	2.5	36 15.62	+4.1483+.0070	−38 59 3.7	−2.073+.602	9.9	17
11628	636	7.3	36 17.66	+14.228+.2121	−83 12 17.7	−2.070+2.06	9.4	4
11629	8411	7.6	36 20.71	+5.0666+.0130	−56 18 42.0	−2.065+.736	9.8	4
11630	4808	4.4	36 21.35	+3.3752+.0039	−12 49 40.9	−2.064+.490	9.7	8,12
11631	11803	9.4	36 22.02	+4.1102+.0068	−37 58 32.0	−2.064+.597	10.2	4
11632	11755	8.8	36 31.59	+4.1986+.0072	−40 15 59.8	−2.050+.610	10.0	4
11633	11994	8.2	36 31.94	+4.3891+.0082	−44 43 22.6	−2.049+.637	9.7	4
11634	11804	5.6	36 44.32	+4.0708+.0065	−36 54 3.5	−2.031+.591	9.7	10
11635	11765	8.9	36 51.93	+4.2105+.0072	−40 33 30.9	−2.020+.612	10.2	4
11636	3662	3.6	36 53.89*	+5.8830+.0199	−64 40 53.9*	−2.017+.854	10.0	15
11637	2349	3.8	36 55.43	+1.6931+.0034	+46 3 13.5	−2.015+.246	10.1	9
11638	11825	7.2	36 56.67	+4.4460+.0084	−45 55 40.7	−2.013+.646	10.2	4
11639	11094	5.3	36 59.84	+4.7614+.0104	−51 47 12.3	−2.009+.692	9.8	10
11640	1220	7.7	37 2.74	+8.4717+.0556	−76 9 52.2	−2.004+1.23	10.4	4
11641	3663	7.0	37 3.75	+5.8335+.0193	−64 17 3.4	−2.003+.847	10.5	4
11642	11753	8.2	37 6.25	+4.5282+.0089	−47 35 16.1	−1.999+.658	10.2	4
11643	8752	8.6	37 10.51	+4.8814+.0112	−53 40 41.9	−1.993+.709	9.9	4
11644	8703	6.1	37 10.66	+5.1602+.0132	−57 30 13.3	−1.993+.749	10.2	4
11645	12003	8.0	37 11.41	+4.3578+.0079	−44 1 26.7	−1.992+.633	9.7	4
11646	13208	6.5	37 12.33	+3.9364+.0058	−33 0 28.2	−1.990+.572	9.8	5
11647	11850	6.4	37 37.69	+3.7750+.0051	−27 50 29.1	−1.954+.549	9.5	4
11648	13223	6.8	37 41.72	+3.9238+.0057	−32 37 12.9	−1.948+.570	9.8	4
11649	12012	8.6	37 42.78	+4.3641+.0078	−44 9 29.8	−1.946+.634	9.7	4
11650	14623	7.6	37 43.78	+3.8446+.0053	−30 8 3.1	−1.945+.558	10.2	4

11636S.P. $53^{s}.92$, $55''.8$, 10.2, 8.

No.	Name	Mag.	R. A. 1910	Prec. and Sec. Var.	Decl. 1910	Prec. and Sec. Var.	Epoch.	No. Obs.
		M	h m s	s s	° ′ ″	″ ″	-	
11651	11967	9.3	17 37 48.02	+4.3562+.0077	-43 58 58.1	-1.939+.633	9.8	4
11652	11805	8.0	37 48.73	+4.4882+.0084	-46 47 4.8	-1.938+.652	9.9	5
11653	11860	8.2	37 48.99	+4.0198+.0060	-35 27 27.5	-1.937+.584	10.0	4
11654	12154	6.8*	37 52.79	+4.1406+.0066	-38 45 47.4	-1.932+.602	10.2	4
11655	11828	8.3	37 57.97	+4.0652+.0062	-36 43 51.4	-1.924+.591	9.4	4
11656	12018	9.1	37 59.85	+4.3647+.0077	-44 10 4.9	-1.921+.634	9.3	1
11657	11769	6.8	37 59.95	+4.5331+.0086	-47 40 26.6	-1.921+.659	9.5	4
11658	4712	4.9	38 2.16	+3.6003+.0044	-21 38 24.5	-1.918+.523	10.1	9
11659	11850	6.9	38 2.84	+4.4501+.0081	-46 0 5.8	-1.917+.647	10.0	4
11660	12431	6.2	38 14.68	+4.2997+.0073	-42 41 20.6	-1.900+.625	9.7	4
11661	1222	7.1	38 15.48	+8.4175+.0517	-76 1 22.0	-1.899+1.22	10.2	4
11662	11855	8.4	38 20.76	+4.4098+.0078	-45 8 48.0	-1.891+.641	9.8	4
11663	5691	9.3	38 21.14	+5.5972+.0161	-62 12 41.6	-1.891+.813	9.8	4
11664	12026	7.2	38 29.80	+4.3612+.0075	-44 5 3.5	-1.878+.634	9.4	1
11665	2755	7.5	38 33.59	+6.7074+.0272	-69 53 40.9	-1.872+.974	9.8	4
11666	11514	7.2	38 35.43	+4.7005+.0094	-50 44 26.0	-1.870+.683	9.8	4
11667	11860	7.7	38 38.50	+4.4312+.0078	-45 35 51.5	-1.865+.644	9.8	4
11668	2173	7.3	38 40.40	+6.9501+.0299	-71 3 35.2	-1.863+1.01	10.0	4
11669	11115	8.9	38 47.35	+4.7734+.0098	-51 57 43.2	-1.853+.694	10.2	4
11670	13528	7.1	38 48.43	+3.6550+.0045	-23 38 18.7	-1.851+.531	9.6	4
11671	11818	7.5	38 58.28	+4.4936+.0081	-46 52 48.8	-1.837+.653	10.0	4
11672	4405	6.6	38 58.33	+3.6144+.0043	-22 9 17.9	-1.837+.526	10.0	4
11673	11884	7.0	38 59.84	+4.0215+.0058	-35 29 29.7	-1.834+.585	9.7	4
11674	3489	2.9	39 1.56	+2.9654+.0029	+ 4 36 15.0	-1.832+.431	10.0	33,52
11675	7253	7.6	39 1.99	+5.2154+.0126	-58 9 27.6	-1.831+.758	9.8	4
11676	12000	6.8	39 2.62	+4.5978+.0086	-48 53 45.5	-1.830+.668	9.7	4
11677	7137	6.7	39 3.27	+5.3735+.0138	-59 57 22.6	-1.829+.781	10.1	4
11678	6933	7.3	39 7.86	+5.3981+.0140	-60 13 6.2	-1.823+.784	10.2	4
11679	4140	7.0	39 8.50	+5.7447+.0168	-63 31 28.6	-1.822+.835	9.8	4
11680	4720	8.4	39 16.61	+3.6098+.0043	-21 59 4.1	-1.810+.525	9.5	4
11681	12044	8.6	39 33.72	+4.3839+.0073	-44 34 18.6	-1.785+.637	9.6	4
11682	8440	7.3	39 57.26	+5.0560+.0110	-56 7 48.8	-1.751+.735	9.4	4
11683	12057	9.3	40 12.86	+4.3791+.0071	-44 27 39.1	-1.728+.637	9.5	1
11684	798	7.3	40 14.72	+11.904+.1143	-81 25 36.5	-1.726+1.73	9.4	4
11685	11816	7.2	40 16.05	+4.1595+.0061	-39 13 42.0	-1.724+.604	9.4	4
11686	11820	8.5	40 22.61	+4.2116+.0063	-40 32 46.5	-1.714+.612	9.4	4
11687	12317	7.4*	40 23.94	+3.7491+.0046	-26 56 8.2	-1.712+.545	9.5	4
11688	11828	7.8	40 45.67	+4.2230+.0062	-40 49 27.2	-1.681+.614	9.4	4
11689	8310	8.2	40 51.90	+5.0289+.0104	-55 45 22.0	-1.672+.731	9.4	4
11690	11887	7.4	40 56.43	+4.4257+.0071	-45 27 36.6	-1.665+.644	9.5	4
11691	12189	6.5	40 56.60	+4.1159+.0058	-38 4 35.6	-1.665+.599	9.8	6
11692	11830	8.4	41 4.15	+4.1660+.0059	-39 23 10.7	-1.654+.606	9.5	4
11693	8312	6.3	41 7.66	+5.0010+.0101	-55 22 10.2	-1.649+.727	9.7	5
11694	12070	8.2	41 17.00	+4.3819+.0068	-44 30 33.7	-1.635+.637	9.8	4
11695	11838	3.0	41 17.34	+4.1938+.0060	-40 5 34.4	-1.635+.610	10.1	26
11696	3670	6.6	41 21.46	+5.8370+.0158	-64 16 27.0	-1.629+.849	9.6	4
11697	11816	7.0	41 30.85	+4.5121+.0073	-47 13 20.5	-1.615+.656	9.5	4
11698	6051	6.6	41 33.30	+5.5447+.0135	-61 40 58.6	-1.612+.806	9.5	4
11699	12078	9.8	41 39.26	+4.3767+.0067	-44 23 35.9	-1.603+.637	9.4	4
11700	12073	6.9	41 49.05	+3.9805+.0051	-34 16 38.8	-1.589+.579	10.0	6

No.	Name	Mag.	R. A. 1910	Prec. and Sec. Var.	Decl. 1910	Prec. and Sec. Var.	Epoch.	No. Obs.
		M	h m s	s s	° ′ ″	″ ″		
11701	11930	4.7	17 41 53.66	+3.7748+.0044	−27 47 49.8	−1.582+.549	10.2	16
11702	12081	8.6	42 1.06	+4.3731+.0065	−44 18 32.5	−1.571+.636	9.5	4
11703	12476	7.0	42 1.41	+3.9702+.0050	−33 58 18.8	−1.571+.578	9.6	4
11704	6054	6.8	42 4.68	+5.5672+.0133	−61 53 42.6	−1.566+.810	9.8	4
11705	11909	8.5	42 8.24	+4.4208+.0067	−45 20 26.6	−1.561+.643	9.5	4
11706	11934	6.9	42 11.70	+4.0357+.0052	−35 51 44.4	−1.556+.587	9.8	4
11707	12201	6.8	42 17.31	+4.1173+.0054	−38 6 5.4	−1.548+.599	9.7	4
11708	4423	6.2	42 19.30	+3.6229+.0039	−22 26 42.6	−1.545+.527	9.9	4
11709	12084	8.0	42 21.06	+4.3640+.0064	−44 6 22.1	−1.542+.635	9.8	4
11710	13346	7.2	42 23.45	+3.9259+.0048	−32 38 17.4	−1.539+.571	9.7	4
11711	11862	6.9*	42 25.75	+4.1853+.0057	−39 52 1.8	−1.535+.609	9.8	5
11712	11867	8.0	42 36.22	+4.4615+.0067	−46 11 13.6	−1.520+.649	9.7	4
11713	11870	8.9	42 41.57	+4.2189+.0057	−40 42 19.1	−1.512+.614	10.0	4
11714	12088	9.4	42 46.01	+4.3711+.0063	−44 15 34.3	−1.506+.636	9.8	4
11715	12102	7.4	42 46.72	+4.0065+.0050	−35 1 33.3	−1.505+.583	9.8	4
11716	12209	7.7	42 47.11	+4.1170+.0053	−38 5 15.0	−1.504+.599	9.5	4
11717	12367	6.2	42 50.16	+3.7499+.0042	−26 56 37.0	−1.500+.546	10.1	4
11718	2888	3.5	42 56.15	+2.3707+.0025	+27 46 22.2	−1.491+.345	9.9	35,54
11719	8799	5.9	43 8.89	+4.8792+.0085	−53 34 59.7	−1.473+.710	10.2	4
11720	12215	6.9*	43 10.93	+4.1500+.0054	−38 57 13.3	−1.470+.604	9.8	4
11721	14609	4.8	43 19.62	+3.8948+.0045	−31 40 22.7	−1.457+.567	9.9	4
11722	3403	3.7	43 22.76	+3.0087+.0027	+ 2 44 25.6	−1.452+.438	9.7	8
11723	11954	7.2	43 27.18	+4.0180+.0049	−35 20 54.1	−1.446+.585	10.0	4
11724	14748	6.7	43 29.35	+3.8598+.0044	−30 34 0.4	−1.443+.562	10.2	6
11725	6950	5.8	43 29.57	+5.3940+.0112	−60 8 11.4	−1.443+.785	10.0	4
11726	11839	7.4	43 32.37	+4.5121+.0067	−47 12 6.2	−1.439+.657	10.2	4
11727	12072	6.8	43 37.57	+4.5664+.0069	−48 15 23.9	−1.431+.665	10.0	4
11728	11740	7.2	43 37.57	+4.6315+.0072	−49 28 3.3	−1.431+.674	10.2	4
11729	11907	3.2	43 43.89	+4.0776+.0050	−37 0 55.0	−1.422+.594	9.8	12
11730	11908	9.5	43 45.23	+4.0955+.0051	−37 30 7.0	−1.420+.596	9.9	2
11731	11910	9.5	43 48.05	+4.0955+.0050	−37 30 11.8	−1.416+.596	9.8	4
11732	11886	4.9	43 53.43	+4.1936+.0054	−40 3 43.3	−1.408+.610	9.7	8
11733	8812	6.4	43 54.12	+4.8482+.0080	−53 6 10.7	−1.407+.706	10.3	4
11734	6953	7.5	43 56.69	+5.4160+.0111	−60 21 57.0	−1.403+.788	10.3	4
11735	11573	7.5	43 57.21	+4.6762+.0072	−50 15 48.3	−1.402+.681	10.0	4
11736	12527	7.6	44 3.02	+4.2845+.0056	−42 16 24.6	−1.394+.624	10.0	4
11737	12088	7.2	44 3.40	+4.2570+.0055	−41 37 12.4	−1.393+.620	10.3	4
11738	11888	8.2	44 3.88	+4.4628+.0063	−46 12 1.0	−1.393+.650	10.2	4
11739	8814	6.5	44 5.00	+4.8948+.0082	−53 48 36.5	−1.391+.712	10.0	4
11740	3507	6.5	44 18.61	+5.9930+.0145	−65 27 45.1	−1.371+.872	10.3	4
11741	12536	6.7	44 25.98	+4.2858+.0055	−42 18 5.7	−1.361+.624	10.2	4
11742	13521	7.1	44 27.23	+3.6711+.0037	−24 10 41.6	−1.359+.534	9.7	4
11743	11991	6.9*	44 43.28	+3.7529+.0039	−27 2 0.4	−1.335+.546	9.8	4
11744	12134	7.7	44 46.88	+3.9783+.0045	−34 11 13.9	−1.330+.579	9.5	4
11745	12533	7.7	44 55.60	+3.9612+.0044	−33 40 44.5	−1.318+.577	9.7	5,4
11746	1226	6.1	44 56.86	+8.4848+.0364	−76 9 31.8	−1.316+1.23	9.9	5
11747	11977	7.6	45 1.15	+4.0078+.0045	−35 2 39.6	−1.309+.584	9.7	4
11748	11979	6.9	45 4.26	+4.0175+.0045	−35 19 15.5	−1.305+.585	9.4	4
11749	11958	6.2	45 5.19	+4.4331+.0059	−45 34 30.7	−1.304+.645	9.6	4
11750	11931	7.9	45 5.91	+4.1063+.0048	−37 47 1.6	−1.302+.598	9.6	4

No.	Name	Mag.	R. A. 1910	Prec. and Sec. Var.	Decl. 1910	Prec. and Sec. Var.	Epoch.	No. Obs.
		M	h m s	s s	° ′ ″	″ ″		
11751	11980	9.0	17 45 6.15	+4.0171+.0045	−35 18 40.0	−1.302+.585	9.5	2
11752	11202	7.2	45 9.55	+4.7606+.0071	−51 41 24.0	−1.297+.693	10.0	4
11753	11905	6.0	45 12.78	+4.2215+.0051	−40 44 44.8	−1.293+.615	9.7	4
11754	8468	6.7	45 16.28	+5.0595+.0084	−56 7 49.4	−1.287+.737	9.5	4
11755	12134	9.2	45 16.58	+4.3744+.0056	−44 18 35.0	−1.287+.637	10.0	4
11756	14802[1]	8.7	45 24.79	+3.8592+.0040	−30 32 3.0*	−1.275+.562	10.2	5
11757	14802[2]	6.5	45 24.96	+3.8591+.0040	−30 31 52.6	−1.275+.562	10.1	6
11758	1277	6.8	45 27.13	+9.2451+.0440	−77 48 27.2	−1.272+1.35	10.2	4
11759	2125	8.4	45 29.22	+7.2493+.0229	−72 17 26.9	−1.269+1.06	9.5	4
11760	4436	7.1*	45 40.00	+3.6358+.0035	−22 53 37.4	−1.253+.530	9.6	4
11761	11992	7.2	45 49.70	+4.0184+.0044	−35 20 26.9	−1.239+.585	9.6	4
11762	12143	8.9	45 54.55	+4.3769+.0054	−44 21 33.8	−1.232+.637	9.9	5
11763	7288	7.7	46 4.34*	+5.2282+.0088	−58 15 2.6*	−1.217+.761	9.4	3,4
11764	11912	8.7	46 6.11	+4.4586+.0056	−46 5 52.0	−1.215+.649	9.6	4
11765	13617	7.2	46 9.76	+3.6568+.0035	−23 39 11.4	−1.210+.533	9.8	4
11766	12154	6.0	46 13.50	+3.9988+.0042	−34 46 32.0	−1.204+.582	9.6	4
11767	4170	7.7	46 16.42	+5.7196+.0112	−63 15 14.3	−1.200+.833	9.6	4
11768	12168	8.4	46 19.29	+4.0049+.0042	−34 57 3.9	−1.196+.583	9.8	6
11769	12169	10.9	46 20.07	+3.9926+.0042	−34 35 40.9	−1.194+.582	9.4	2
11770	12170	5.8	46 20.75	+3.9857+.0042	−34 23 36.4	−1.194+.580	9.5	4
11771	12139	6.4	46 26.68	+4.2724+.0049	−41 58 9.2	−1.185+.622	9.7	4
11772	14712	6.9*	46 27.37	+3.8838+.0039	−31 18 16.2	−1.184+.566	9.8	4
11773	11614	9.2	46 43.06	+4.6632+.0061	−50 0 41.1	−1.161+.679	9.5	4
11774	3404	7.8	46 43.45	+6.2512+.0139	−67 13 52.0	−1.160+.910	9.9	4
11775	2215	7.0	46 50.66	+6.9637+.0186	−71 4 27.0	−1.150+1.01	10.2	4
11776	12186	6.1	46 51.19	+3.9756+.0040	−34 5 32.7	−1.149+.579	9.8	4
11777	12013	6.0	46 54.84	+4.0278+.0042	−35 36 3.7	−1.144+.587	9.8	4
11778	12187	6.7	46 54.95	+4.0066+.0041	−34 59 48.7	−1.144+.584	9.4	4
11779	12105	7.4	47 8.07	+4.3475+.0050	−43 41 51.5	−1.125+.633	9.7	4
11780	8357	7.5	47 10.12	+5.0417+.0074	−55 52 41.9	−1.122+.734	10.0	4
11781	12198	6.8	47 16.44	+3.9930+.0040	−34 35 58.0	−1.113+.582	9.5	4
11782	12200	6.2	47 19.61	+3.9968+.0040	−34 42 34.3	−1.108+.582	9.4	4
11783	3528	6.5	47 20.14	+6.0273+.0120	−65 41 45.7	−1.107+.878	9.8	4
11784	14733	6.8	47 20.65	+3.9067+.0038	−32 0 39.8	−1.106+.569	10.1	7
11785	11965	8.1*	47 22.37	+4.1866+.0045	−39 51 27.5	−1.104+.610	9.8	4
11786	12201	7.3	47 22.53	+4.0067+.0040	−34 59 44.6	−1.104+.584	9.4	5
11787	12203	5.7	47 22.97	+4.0025+.0040	−34 52 26.4	−1.103+.583	9.5	4
11788	11779	9.2	47 23.15	+4.6627+.0059	−49 59 56.2	−1.103+.679	9.5	4
11789	11983	8.1	47 24.42	+4.0595+.0041	−36 29 15.4	−1.101+.591	9.9	5
11790	799	6.3	47 26.05	+11.977+.0730	−81 28 39.3*	−1.099+1.74	9.9	6,5
11791	11895	8.8	47 30.97	+4.5240+.0054	−47 24 22.7	−1.091+.659	9.7	4
11792	12217	7.3	47 45.38	+3.9988+.0039	−34 45 56.7	−1.070+.583	9.4	4
11793	12219	6.4	47 54.74	+3.9977+.0039	−34 43 57.7	−1.057+.582	9.4	4
11794	12070	6.8	47 55.48	+3.7602+.0034	−27 15 45.5	−1.056+.548	9.4	4
11795	12228	6.4	47 57.83	+4.0004+.0039	−34 48 40.7	−1.052+.583	9.4	4
11796	3711	8.2	47 59.95	+5.9071+.0108	−64 47 17.1	−1.049+.860	9.8	4
11797	12296	7.0	48 11.69	+4.1381+.0042	−38 36 15.4*	−1.032+.603	9.5	4
11798	12237	6.9	48 14.48	+3.9970+.0038	−34 42 30.0	−1.028+.582	9.5	4
11799	12239	7.2	48 21.67	+4.0022+.0038	−34 51 33.9	−1.018+.583	9.8	6
11800	12244	6.5	48 27.97	+3.9881+.0038	−34 26 53.1	−1.008+.581	9.5	4

11756 1″.7, 2″.5, 4″.8, 3″.0, 3″.2.

11790 (42″.5).

11763 (4ˢ.03); 2″.6 4″.1, 0″.8, 3″.0.

11797 15″.5, 16″.4 13″.7, 16″.2.

No.	Name	Mag.	R. A. 1910	Prec. and Sec. Var.	Decl. 1910	Prec. and Sec. Var.	Epoch.	No. Obs.
		M	h m s	s s	° ′ ″	″ ″		
11801	12253	6.6	17 48 48.55	+3.9907+.0037	−34 31 26.3	−0.978+.581	9.5	4
11802	6969	7.9	48 51.37	+5.4136+.0079	−60 18 31.9	−0.974+.789	9.6	4
11803	12053	8.0	48 52.51	+4.0097+.0037	−35 4 17.1	−0.973+.584	9.8	4
11804	12008	6.1	49 2.48	+4.0588+.0038	−36 27 29.6	−0.958+.591	9.7	4
11805	12154	7.2	49 4.57	+4.6040+.0051	−48 55 23.2	−0.955+.671	9.5	4
11806	12188	8.0	49 7.66	+4.4034+.0045	−44 54 46.2	−0.951+.642	9.5	4
11807	13615	6.1	49 21.64	+3.6913+.0031	−24 52 11.5	−0.930+.538	9.9	4
11808	12021	8.4	49 24.03	+4.4350+.0045	−45 35 5.6	−0.927+.646	9.8	4
11809	12193	8.3	49 27.53	+4.3936+.0044	−44 41 57.2	−0.922+.640	9.6	4
11810	11959	7.6	49 29.18	+4.4885+.0046	−46 41 11.4	−0.919+.654	9.8	4
11811	12316	8.2	49 32.32	+4.1406+.0038	−38 39 42.5*	−0.915+.603	9.8	4
11812	4454	8.6	49 32.54	+3.6382+.0030	−22 57 50.9	−0.914+.530	10.0	4
11813	12634	6.8	49 38.30	+4.2876+.0041	−42 18 24.0	−0.906+.625	9.4	4
11814	8375	7.0	49 42.47	+5.0054+.0060	−55 21 58.3	−0.900+.729	9.7	4
11815	12067	8.4	50 0.14	+4.0085+.0035	−35 1 51.4	−0.874+.584	9.8	5
11816	8506	6.5	50 1.77	+5.1193+.0062	−56 52 57.3	−0.872+.746	9.4	4
11817	12067	6.7	50 6.86	+4.0086+.0035	−35 2 2.3	−0.864+.584	10.1	7
11818	12201	5.0	50 13.38	+4.3767+.0042	−44 19 39.7	−0.855+.638	9.5	4
11819	13517	6.6	50 22.91	+3.9219+.0033	−32 27 37.6	−0.841+.572	9.5	4
11820	12000	7.5	50 28.95	+4.2078+.0038	−40 22 16.8	−0.832+.613	9.4	4
11821	3181	9.3	50 31.19	+6.0768+.0093	−66 2 15.3	−0.829+.886	9.5	4
11822	12027	7.3	50 33.57	+4.1897+.0037	−39 55 8.0	−0.825+.611	9.5	4
11823	12001	6.5	50 37.07	+4.2046+.0037	−40 17 31.6	−0.820+.613	9.5	4
11824	1403	8.0	50 43.91	+8.3043+.0210	−75 40 55.7	−0.810+1.21	9.6	4
11825	12221	6.8	50 45.61	+4.2734+.0038	−41 57 54.4	−0.808+.623	9.5	4
11826	12551	7.3	50 47.22	+3.7458+.0030	−26 45 26.6	−0.806+.546	9.5	4
11827	7302	7.5	50 52.29	+5.2639+.0062	−58 38 35.5	−0.798+.767	9.7	5
11828	13529	6.6	50 56.24	+3.9290+.0032	−32 40 31.5	−0.792+.573	9.7	4
11829	4779	6.6	50 56.26	+3.6104+.0028	−21 56 28.6	−0.792+.526	9.7	4
11830	13878	5.8	51 0.88	+3.7841+.0030	−28 3 5.6	−0.786+.552	9.9	5
11831	12215	8.2	51 21.64	+4.3977+.0039	−44 46 46.1	−0.756+.641	9.5	4
11832	8588	8.6	51 22.28	+4.9495+.0051	−54 34 7.6	−0.755+.721	9.8	4
11833	12231	4.9	51 24.01	+4.2625+.0036	−41 42 14.8	−0.752+.621	9.8	4
11834	12052	7.7	51 26.22	+4.4289+.0039	−45 26 40.4	−0.749+.646	9.7	4
11835	12049	6.7	51 26.59	+4.1574+.0034	−39 5 21.9	−0.748+.606	9.7	4
11836	12233	7.0	51 34.51	+4.2721+.0036	−41 55 54.8	−0.737+.623	9.4	4
11837	13678	6.7*	51 37.43	+3.6651+.0028	−23 55 36.7	−0.732+.534	9.9	4
11838	3739	9.6	51 42.95	+5.8154+.0073	−64 2 17.5	−0.724+.848	9.8	4
11839	12058	6.4	51 43.38	+4.1588+.0034	−39 7 29.2	−0.724+.606	9.6	4
11840	12103	6.9	51 52.66	+4.0428+.0032	−35 59 48.2	−0.710+.589	9.8	6
11841	8524	7.1	52 1.39	+5.0711+.0050	−56 14 46.9	−0.698+.739	9.4	4
11842	11960	8.0	52 37.65	+4.5438+.0037	−47 45 53.7	−0.645+.662	9.4	4
11843	10947	6.9	52 44.12	+4.8111+.0042	−52 27 56.4	−0.635+.701	9.4	4
11844	12060	5.8	52 48.80	+4.0736+.0030	−36 50 59.0	−0.628+.594	9.5	8
11845	8530	7.1	52 49.95	+5.1243+.0047	−56 56 7.2	−0.627+.747	9.4	4
11846	11970	7.3	52 53.43	+4.5433+.0036	−47 45 13.0	−0.622+.662	9.4	4
11847	13936	6.0	52 56.45	+3.8053+.0027	−28 44 59.4	−0.617+.555	9.9	4
11848	12063	7.7	53 5.26	+4.0439+.0029	−36 1 28.9	−0.604+.590	9.4	4
11849	12064	6.8	53 6.36	+4.0766+.0029	−36 55 48.7	−0.603+.594	9.5	4
11850	2982	4.0	53 9.97*	+2.0563+.0025	+37 15 42.6	−0.598+.300	10.3	22,23

11811 42″.0, 42″.2, 44″.3, 41″.7.

11850 (9ˢ.68).

No.	Name	Mag.	R. A. 1910	Prec. and Sec. Var.	Decl. 1910	Prec. and Sec. Var.	Epoch.	No. Obs.
		M	h m s	s s	° ′ ″	″ ″		
11851	12270	6.6	17 53 17.91	+4.2535+.0031	-41 28 46.0	-0.586+.620	9.7	4
11852	15035[1]	5.3	53 18.43	+3.8514+.0027	-30 14 40.3	-0.585+.561	9.4	4
11853	15035[2]	7.0	53 18.84	+3.8514+.0027	-30 14 42.0	-0.585+.561	9.4	4
11854	11852	7.7*	53 21.89	+4.6594+.0036	-49 54 35.4	-0.580+.679	9.7	4
11855	12072	7.3	53 24.28	+4.0435+.0028	-36 0 47.6	-0.577+.589	9.8	6
11856	11975	8.7	53 24.73	+4.5427+.0034	-47 44 27.1	-0.576+.662	9.7	4
11857	11976	6.9	53 27.95	+4.5327+.0034	-47 32 46.9	-0.571+.661	9.7	5
11858	14292	7.1	53 30.58	+3.8247+.0026	-29 22 55.0	-0.568+.558	10.1	4
11859	4474	6.9	53 30.74	+3.6261+.0025	-22 30 33.6	-0.567+.529	10.0	4
11860	4475	8.6	53 31.50	+3.6224+.0025	-22 22 21.7	-0.566+.528	9.8	4
11861	2166	8.1	53 40.75	+7.4282+.0106	-72 56 57.1	-0.553+1.08	9.7	4
11862	8419	7.7	53 51.64	+5.0507+.0041	-55 58 4.6	-0.537+.736	9.5	4
11863	12700	7.2	54 0.41	+3.9535+.0026	-33 24 6.1	-0.524+.576	9.8	4
11864	12104	7.2	54 3.84	+4.1637+.0028	-39 14 26.2	-0.519+.607	9.5	4
11865	4632	3.5	54 4.27*	+3.3024+.0023	- 9 45 48.0	-0.518+.481	9.9	16,21
11866	12064	7.0	54 6.43	+4.0940+.0027	-37 24 6.6	-0.515+.597	10.0	5
11867	3156	3.8	54 16.01	+2.3241+.0023	+29 15 25.5	-0.501+.339	9.6	5
11868	12105	8.0	54 16.52	+4.1801+.0028	-39 39 38.9	-0.501+.609	10.2	4
11869	6987	6.8*	54 16.65	+5.3990+.0044	-60 7 59.6	-0.500+.787	9.8	4
11870	13731	4.8	54 17.82	+3.6620+.0024	-23 48 30.8	-0.499+.534	10.0	8
11871	3211	6.8	54 19.77	+6.1502+.0060	-66 32 5.7	-0.496+.896	10.0	4
11872	3573	8.3	54 27.91	+5.9497+.0054	-65 5 31.5	-0.484+.867	9.7	4
11873	1881	7.5	54 28.62	+7.7333+.0103	-74 0 18.2	-0.483+1.13	10.0	4
11874	12101	7.7	54 32.11	+4.4474+.0030	-45 49 15.4	-0.478+.648	9.7	4
11875	13736	6.7	54 40.44	+3.6751+.0023	-24 16 39.5	-0.466+.536	9.9	4
11876	12070	8.0	54 52.52	+4.2068+.0027	-40 19 52.0	-0.448+.613	9.4	4
11877	12108	8.5	55 16.42	+4.0570+.0024	-36 23 4.6	-0.413+.591	9.3	2
11878	12403	6.7	55 20.89	+4.1194+.0025	-38 4 43.2	-0.407+.600	9.8	6
11879	8888	7.7	55 24.14	+4.8914+.0031	-53 41 59.0	-0.402+.713	9.4	4
11880	12267	8.7	55 32.24	+4.3827+.0026	-44 26 17.3	-0.390+.639	9.4	4
11881	12115	6.3	55 43.07	+4.0567+.0024	-36 22 29.2	-0.374+.591	9.4	4
11882	11312	6.9	55 54.75	+4.7611+.0028	-51 38 44.5	-0.357+.694	9.4	4
11883	12273	9.0	55 57.12	+4.3877+.0025	-44 32 47.8	-0.354+.640	9.5	4
11884	12123	7.3	56 4.65	+4.0561+.0023	-36 21 26.0	-0.343+.591	9.5	4
11885	3458	3.9	56 8.22	+3.0040+.0021	+ 2 56 6.8	-0.338+.438	9.9	13,29
11886	4500	7.6	56 13.52	+3.6159+.0021	-22 7 45.5	-0.330+.527	9.5	4
11887	1883	9.0	56 15.10	+7.4712+.0064	-73 6 8.5	-0.328+1.09	9.5	4
11888	1408	7.1*	56 25.68	+8.0980+.0074	-75 6 35.8	-0.312+1.18	9.8	5
11889	4503	5.7	56 27.17	+3.6336+.0021	-22 46 42.8	-0.310+.530	10.0	4
11890	7215	7.0	56 28.26	+5.3122+.0030	-59 10 44.1	-0.309+.774	9.6	4
11891	12220	7.5	56 31.95	+4.3389+.0023	-43 27 43.5	-0.303+.632	9.7	4
11892	12151	8.6	56 40.25	+4.1676+.0022	-39 20 10.4	-0.291+.608	9.8	4
11893	7218	7.0	56 46.44	+5.3150+.0028	-59 12 36.0	-0.282+.775	9.6	4
11894	13804[1]	9.4	56 55.22	+3.6406+.0020	-23 1 58.0	-0.269+.531	9.6	4
11895	13804[2]	8.9	56 55.73	+3.6406+.0020	-23 1 48.0	-0.269+.531	9.6	4
11896	14389	7.9	57 3.15*	+3.8244+.0020	-29 21 58.5	-0.258+.558	10.0	6
11897	4510	7.2*	57 4.25	+3.6371+.0020	-22 54 18.6	-0.256+.530	9.6	4
11898	13783	6.9	57 7.77	+3.6746+.0020	-24 15 19.0	-0.251+.536	9.7	4
11899	12302	6.7	57 14.18	+3.7779+.0020	-27 49 36.6	-0.242+.551	9.7	4
11900	12024	7.7	57 20.00	+4.5422+.0021	-47 43 18.2	-0.233+.662	9.5	4

11865 ($4^s.43$). 11896 $3^s.29$ included.

No.	Name	Mag.	R. A. 1910	Prec. and Sec. Var.	Decl. 1910	Prec. and Sec. Var.	Epoch.	No. Obs.
		M	h m s	s s	° ′ ″	″ ″		
11901	13793	5.5	17 57 20.13	+3.6754+.0020	−24 16 56.0	−0.233+.536	9.8	4
11902	12166	7.8	57 23.46	+4.1704+.0020	−39 24 22.3	−0.228+.608	9.7	4
11903	4516	6.6	57 34.70	+3.6320+.0019	−22 43 9.0	−0.212+.530	9.4	4
11904	8658	9.3	57 50.67	+4.9577+.0021	−54 40 7.8	−0.188+.723	9.5	4
11905	12179	8.4	58 2.00	+4.1696+.0019	−39 23 0.0*	−0.172+.608	9.4	4
11906	13832	8.3	58 9.90	+3.6436+.0019	−23 8 23.9	−0.161+.531	9.5	4
11907	12416	7.0	58 11.27*	+3.9758+.0018	−34 3 20.6	−0.158+.580	9.9	6
11908	6997	7.9	58 16.82	+5.4382+.0020	−60 32 16.0	−0.150+.793	9.5	4
11909	12245	8.9	58 17.74	+4.3560+.0018	−43 50 36.4	−0.149+.635	9.6	4
11910	12120	7.3	58 17.81	+4.2196+.0018	−40 38 25.7	−0.149+.615	9.5	4
11911	12305	8.6	58 17.87	+4.3934+.0018	−44 39 57.0	−0.149+.640	9.8	4
11912	13814	5.9	58 21.31	+3.6777+.0018	−24 21 47.4	−0.144+.536	9.7	4
11913	1409[1]	7.6	58 22.17	+8.1295+.0033	−75 11 50.6	−0.143+1.19	9.8	4
11914	1409[2]	9.2	58 22.67	+8.1309+.0032	−75 12 3.9	−0.142+1.19	9.8	4
11915	13816	7.2	58 25.87	+3.6763+.0018	−24 18 54.4	−0.137+.536	9.5	4
11916	4533	6.9	58 28.57	+3.6354+.0018	−22 50 24.6	−0.133+.530	9.8	4
11917	12309	8.5*	58 29.50	+4.4050+.0018	−44 54 54.9	−0.132+.642	9.9	5
11918	7333	7.2	58 36.12	+5.2598+.0017	−58 34 34.8*	−0.122+.767	9.5	4,3
11919	1161	5.7	58 40.30	+8.3909+.0028	−75 53 42.2	−0.116+1.22	9.5	9
11920	4541	7.1	58 46.12	+3.6262+.0018	−22 30 15.3	−0.108+.529	9.7	4
11921	12229	5.8	58 46.80	+4.0401+.0017	−35 54 16.3	−0.107+.589	9.8	4
11922	12128	9.2	58 50.23	+4.2120+.0017	−40 27 5.7	−0.102+.614	9.8	4
11923	13832	7.2	58 54.64	+3.6784+.0018	−24 23 22.1	−0.095+.536	9.7	4
11924	3796	6.4	58 59.14	+5.8814+.0015	−64 33 21.4	−0.089+.857	9.6	4
11925	11348	6.7	59 0.00	+4.7677+.0015	−51 44 58.1	−0.088+.695	10.0	4
11926	12669	7.1*	59 14.21	+3.7131+.0017	−25 36 35.9	−0.067+.541	9.5	4
11927	12047	7.2	59 15.21	+4.5409+.0015	−47 41 40.1	−0.065+.662	9.6	4
11928	2257	7.7	59 15.51	+7.1026+.0012	−71 39 15.9	−0.065+1.04	10.2	4
11929	14447	4.7	59 16.26	+3.8312+.0017	−29 35 4.7	−0.064+.558	10.0	8
11930	12153	6.8	59 24.27	+4.0971+.0016	−37 28 35.4	−0.052+.597	9.7	4
11931	12194	7.6	59 29.35	+4.0708+.0016	−36 45 34.1	−0.045+.593	9.9	7
11932	12102	6.9	59 32.38	+4.4799+.0014	−46 28 54.6	−0.040+.653	9.6	4
11933	12051	8.4	59 33.80	+4.5242+.0014	−47 22 4.8	−0.038+.660	9.5	1
11934	11720	3.9	59 37.51	+4.6707+.0013	−50 5 53.3	−0.033+.681	10.1	18
11935	12198	7.5	59 38.60	+4.0645+.0016	−36 35 6.9	−0.031+.592	10.0	4
11936	13864	6.8	59 39.35	+3.6788+.0016	−24 24 13.7	−0.030+.537	10.0	4
11937	4292	4.4	59 55.02	+5.7733+.0008	−63 40 22.6	−0.007+.842	9.9	4
11938	12164	7.6	59 56.04	+4.0957+.0014	−37 26 23.0	−0.006+.597	9.6	1
11939	14467	7.2*	59 56.14	+3.8219+.0016	−29 16 57.6	−0.006+.557	9.7	4
11940	4839	8.3	59 58.67	+3.6037+.0016	−21 40 33.7	−0.002+.525	9.8	4
11941	15215	3.1	18 0 1.56	+3.8574+.0015	−30 25 33.1	+0.002+.562	10.1	16,22
11942	12403	7.7	0 2.71	+4.2659+.0014	−41 45 53.0	+0.004+.622	10.3	4
11943	12167	7.5	0 3.92	+4.0981+.0014	−37 30 12.1	+0.006+.597	10.1	4
11944	12280	7.1	0 8.79	+4.5701+.0012	−48 15 19.0	+0.013+.666	9.6	4
11945	12214	5.9	0 18.84	+4.0444+.0014	−36 1 38.6	+0.028+.590	9.8	4
11946	12056	7.2	0 19.28	+4.5246+.0011	−47 22 31.6	+0.028+.660	9.8	4
11947	12272	5.8	0 19.35	+4.3376+.0012	−43 25 48.6	+0.028+.632	9.7	4
11948	725	7.8	0 32.68	+13.261−.0066	−82 31 39.3	+0.048+1.93	9.4	4
11949	12117	7.4	0 41.36	+4.5009+.0010	−46 54 18.0	+0.060+.656	9.8	4
11950	8503	7.1	0 43.31	+5.0317+.0007	−55 42 3.4	+0.063+.733	9.9	5

11905 59″.4, 59″.3, 61″.5, 59″.8. 11907 11§41 included. 11918 (32″.6).

No.	Name	Mag.	R. A. 1910	Prec. and Sec. Var.	Decl. 1910	Prec. and Sec. Var.	Epoch.	No. Obs.
		M	h m s	s s	° ′ ″	″ ″		
11951	11003	7.0	18 0 50.18	+4.7983+.0008	−52 14 51.2	+0.073+.699	9.6	4
11952	3482[1]	4.3	0 54.35	+3.0137+.0018	+ 2 31 13.3	+0.079+.439	9.8	8
11953	3482[2]	5.8	0 54.46	+3.0137+.0018	+ 2 31 9.7	+0.079+.439	9.8	8
11954	12223	8.2	0 58.04	+4.0656+.0012	−36 36 59.8	+0.085+.593	9.6	4
11955	14144	7.3	1 4.24	+3.7943+.0014	−28 22 19.8	+0.094+.553	9.5	4
11956	1888	5.9	1 8.48	+7.6370−.0022	−73 40 51.5	+0.100+1.11	9.7	4
11957	12285	7.4	1 9.86*	+4.3363+.0010	−43 24 4.0	+0.102+.632	9.8	3,4
11958	12344	9.7	1 11.98	+4.4010+.0009	−44 49 46.2	+0.105+.642	9.8	4
11959	1413	7.3	1 19.51	+8.2647−.0034	−75 33 59.0	+0.116+1.20	9.6	4
11960	12492	7.1	1 41.84	+4.1384+.0010	−38 34 33.4	+0.148+.603	9.5	4
11961	4855	6.2	1 47.43	+3.5977+.0014	−21 27 14.0	+0.157+.524	10.0	4
11962	12215	6.4	1 49.92	+4.4457+.0007	−45 46 40.7	+0.160+.648	9.5	4
11963	7231	6.4	2 0.68	+5.3013−.0003	−59 3 11.4	+0.176+.772	9.5	4
11964	274	5.2	2 2.11*	+35.843−.1576	−87 39 53.4*	+0.178+5.23	10.0	38,55
11965	5797	5.5	2 4.33	+5.5881−.0007	−62 1 17.6	+0.181+.815	9.8	4
11966	12218	8.2	2 6.17	+4.4331+.0006	−45 30 53.8	+0.184+.646	9.6	4
11967	12444	7.6	2 11.80	+4.2737+.0008	−41 57 3.1	+0.192+.623	9.6	4
11968	15129	7.7	2 13.74	+3.8759+.0011	−31 0 47.0	+0.195+.565	9.5	4
11969	1289	7.6	2 14.41	+8.9041−.0068	−77 5 35.8	+0.196+1.30	10.2	4
11970	4861	8.1	2 17.73	+3.6090+.0013	−21 52 17.8	+0.201+.526	10.0	4
11971	1232	7.9	2 21.36	+8.7192−.0067	−76 41 7.6	+0.206+1.27	9.6	4
11972	14174	4.7	2 22.94	+3.7971+.0012	−28 28 4.5	+0.208+.554	10.0	4
11973	12921	7.2	2 26.09	+4.3043+.0007	−42 40 9.9	+0.213+.627	9.5	4
11974	12232	7.3	2 46.33	+4.4538+.0004	−45 56 53.9	+0.242+.649	9.4	4
11975	12305	9.8	2 57.10	+4.3558+.0005	−43 50 30.1	+0.258+.635	9.8	4
11976	15285	8.8	2 57.64	+3.8490+.0010	−30 9 40.6	+0.259+.561	9.7	1
11977	573	6.5	3 4.12	+16.753−.0446	−84 25 15.7	+0.268+2.44	9.4	4
11978	3564	3.7	3 4.96	+2.8477+.0018	+ 9 33 1.1	+0.270+.415	10.2	23,29
11979	15290	7.0	3 8.46	+3.8442+.0010	−30 0 21.6	+0.275+.560	9.8	4
11980	15155	7.7	3 9.71	+3.8809+.0010	−31 10 22.4	+0.277+.566	9.8	4
11981	12373	7.0*	3 11.70	+4.4069+.0003	−44 57 34.0	+0.280+.642	9.8	4
11982	4866	6.6	3 14.68	+3.5979+.0012	−21 27 46.1	+0.284+.524	9.6	4
11983	12265	6.6	3 16.29	+4.0680+.0007	−36 41 10.4	+0.286+.593	10.0	5
11984	12793	6.3	3 20.11	+3.7095+.0011	−25 29 10.7	+0.292+.541	10.2	4
11985	12311	7.7	3 21.92	+4.0335+.0008	−35 43 16.4	+0.294+.588	9.8	4
11986	12239	7.3	3 24.91	+4.4523+.0002	−45 55 6.2	+0.299+.649	9.7	4
11987	7008	7.7	3 30.15	+5.4280−.0014	−60 26 2.7	+0.306+.791	9.8	4
11988	3826	7.6*	3 30.52	+5.8127−.0021	−64 0 14.8	+0.307+.847	10.3	4
11989	12862	7.6	3 39.67	+3.7278+.0010	−26 7 20.8	+0.320+.543	9.6	4
11990	13962	7.5	3 47.50	+3.6675+.0011	−24 0 10.1	+0.332+.534	10.1	4
11991	2925	3.8	4 1.93	+2.3395+.0021	+28 44 58.3	+0.353+.341	10.2	9,14
11992	2507	7.0	4 3.18	+6.9033−.0053	−70 46 15.5	+0.354+1.01	9.8	4
11993	7349	7.9	4 4.58	+5.2282−.0013	−58 12 25.1	+0.356+.762	10.2	4
11994	13814	6.5	4 6.08	+3.9314+.0007	−32 43 52.8	+0.359+.573	9.8	4
11995	847	7.3	4 6.44	+10.861−.0206	−80 15 56.3	+0.359+1.58	9.5	4
11996	13817	7.6	4 10.75	+3.9126+.0007	−32 9 33.2	+0.366+.570	10.0	4
11997	8536	6.8	4 12.49	+5.0079−.0010	−55 22 43.0	+0.368+.730	10.3	4
11998	8655	7.5	4 13.62	+5.0850−.0012	−56 25 7.3	+0.370+.741	10.3	4
11999	4323	Var.	4 14.29	+5.7684−.0026	−63 38 6.0	+0.371+.841	9.7	2
12000	1234	7.2	4 14.30	+8.6836−.0115	−76 36 20.3	+0.371+1.27	10.6	4

11964 S.P. 1ˢ.89, 53″.6, 10.1, 35, 42. 11957 (10ˢ.10).

No.	Name	Mag.	R. A. 1910	Prec. and Sec. Var.	Decl. 1910	Prec. and Sec. Var.	Epoch.	No. Obs.
		M.	h m s	s s	° ′ ″	″ ″		
12001	12098	6.1	18 4 16.48	+4.5322−.0002	−47 31 44.7	+0.374+.660	9.8	4
12002	15316[1]	7.8	4 17.48	+3.8672+.0008	−30 44 32.1	+0.375+.564	9.6	1
12003	15316[2]	5.7	4 17.55	+3.8672+.0008	−30 44 37.0	+0.375+.564	9.8	4
12004	8656	7.6	4 25.17	+5.0871−.0012	−56 26 47.4	+0.387+.741	10.0	4
12005	12251	4.6	4 32.95	+4.4547−.0002	−45 58 14.9	+0.398+.649	9.8	12
12006	14005	7.9	4 37.19	+3.6615+.0010	−23 47 21.2	+0.404+.534	9.7	4
12007	12491	5.9	4 42.83	+4.2494+.0001	−41 22 31.6	+0.412+.619	9.5	4
12008	12913	7.3	4 44.22	+3.9715+.0006	−33 56 5.7	+0.414+.579	9.8	4
12009	12917	6.2	4 58.14	+3.9675+.0005	−33 49 2.5	+0.435+.578	9.8	4
12010	12884	7.3	4 58.18	+3.7256+.0009	−26 2 59.3	+0.435+.543	10.0	4
12011	7012	7.1	5 1.88	+5.4020−.0023	−60 9 47.6	+0.440+.787	10.3	4
12012	12975	8.1	5 16.45	+4.3037−.0001	−42 39 35.8	+0.461+.627	9.5	4
12013	12335	7.6	5 17.93	+4.3228−.0002	−43 6 1.0	+0.463+.630	9.7	4
12014	12844	6.9	5 30.48	+3.7178+.0008	−25 46 51.0	+0.482+.542	9.9	5
12015	4334	6.4	5 36.90*	+5.7769−.0037	−63 42 35.7	+0.491+.842	9.6	4
12016	3640	7.9	5 37.20	+5.9665−.0043	−65 13 11.1	+0.492+.869	9.8	4
12017	12357	7.0	5 39.80	+4.0095+.0003	−35 2 39.2	+0.495+.584	9.6	4
12018	12344	9.6	5 49.22	+4.3201−.0003	−43 2 24.1	+0.509+.629	9.8	4
12019	12343	8.3	5 49.82	+4.3383−.0003	−43 27 15.5*	+0.510+.632	9.7	4
12020	2516	8.4	5 51.82	+6.8807−.0076	−70 40 6.2	+0.513+1.00	9.8	4
12021	11779	6.8	5 53.55	+4.6976−.0011	−50 34 38.9	+0.515+.684	9.5	4
12022	12344	8.4	5 58.56	+4.6001−.0009	−48 49 40.4	+0.523+.670	9.5	4
12023	12522	8.1	6 5.61	+4.2643−.0002	−41 44 10.3	+0.533+.621	9.7	4
12024	12573	7.3	6 8.27	+3.9766+.0003	−34 5 18.5	+0.537+.579	9.7	4
12025	14047	5.1	6 13.79	+3.6595+.0008	−23 43 12.6	+0.545+.533	10.0	4
12026	12322	7.2	6 14.10	+4.1684−.0001	−39 21 45.7	+0.545+.607	9.8	4
12027	14268	6.4	6 15.03	+3.8106+.0005	−28 55 16.8	+0.547+.555	9.5	4
12028	12330	7.2	6 44.30	+4.1612−.0002	−39 10 47.4	+0.589+.606	9.6	4
12029	12534	5.5	6 50.33	+4.2484−.0004	−41 21 28.2	+0.598+.619	9.5	4
12030	14282	7.4	6 56.34	+3.7905+.0004	−28 15 28.1	+0.607+.552	9.9	6
12031	12341	7.6	7 1.65	+4.1649−.0003	−39 16 34.2	+0.615+.607	9.5	4
12032	12209	6.9	7 5.00	+4.4720−.0010	−46 20 2.8	+0.619+.651	9.5	4
12033	4343	5.6	7 8.02	+5.7031−.0046	−63 4 46.5	+0.624+.831	9.6	4
12034	12544	7.0	7 18.85	+4.2397−.0005	−41 8 55.2	+0.640+.618	9.6	4
12035	12364	6.9	7 19.26	+4.3280−.0007	−43 13 37.8	+0.640+.630	9.7	4
12036	8940[1]	8.4	7 19.87	+5.1999−.0031	−57 52 33.9	+0.641+.757	9.9	4
12037	8940[2]	8.4	7 20.28	+5.1999−.0031	−57 52 34.9	+0.642+.757	9.9	4
12038	12427	9.6	7 21.23	+4.3735−.0008	−44 14 39.8	+0.643+.637	9.9	5
12039	12428	7.5	7 24.14	+4.3931−.0009	−44 40 27.4	+0.647+.640	9.5	4
12040	12363	9.3	7 34.30	+4.5994−.0015	−48 49 17.5	+0.662+.670	9.3	1
12041	14072	7.4	7 34.48	+3.6433+.0006	−23 8 23.1	+0.662+.530	9.5	4,3
12042	15265	6.6	7 45.67	+3.9068+.0001	−31 59 25.4	+0.679+.569	9.5	4
12043	12366	7.5	7 49.04	+4.6002−.0016	−48 50 14.8	+0.684+.670	9.5	4
12044	14305	9.4	7 49.22	+3.7910+.0003	−28 16 43.4	+0.684+.552	9.6	4
12045	12374	7.8	7 50.16	+4.3258−.0008	−43 10 38.0	+0.685+.630	9.7	4
12046	12600	7.1	7 54.99	+4.1325−.0004	−38 26 9.1	+0.692+.602	9.9	6
12047	12558	7.9	7 56.42	+4.2723−.0008	−41 56 0.4	+0.694+.622	10.0	4
12048	11800	7.3	7 58.94	+4.6831−.0018	−50 19 56.4	+0.698+.682	9.8	4
12049	12316	7.0	8 4.92	+4.4373−.0012	−45 37 11.5	+0.707+.646	9.5	4
12050	12612	7.2	8 6.26	+3.9946−.0002	−34 37 16.5	+0.709+.582	9.8	4

12015 $36^s.75$, $36^s.80$, $36^s.90$, $37^s.18$. 12019 $15''.0$, $14''.7$, $14''.9$, $17''.3$.

No.	Name	Mag.	R. A. 1910	Prec. and Sec. Var.	Decl. 1910	Prec. and Sec. Var.	Epoch.	No. Obs.
		M	h m s	s s	° ′ ″	″ ″		
12051	8572	8.0	18 8 18.25	+5.0072-.0030	-55 22 56.8	+0.726+.729	9.7	4
12052	4908	4.0	8 22.87	+3.5874+.0006	-21 4 59.3	+0.733+.522	10.2	29,52
12053	3081	6.3	8 23.49	+6.4213-.0087	-68 15 27.0	+0.734+.935	9.5	4
12054	8693	6.8	8 27.88*	+5.1038-.0034	-56 40 36.6*	+0.740+.743	9.5	3
12055	12373	6.8	8 32.52	+4.6022-.0018	-48 52 42.5	+0.747+.670	9.5	4
12056	8952	7.2	8 43.60	+5.1666-.0037	-57 28 26.3	+0.763+.752	9.5	4
12057	2860	8.1	8 47.09	+6.6689-.0104	-69 37 43.2	+0.768+.971	9.8	4
12058	12411	7.1	8 51.17	+4.0113-.0003	-35 6 22.6	+0.774+.584	9.5	4
12059	4916	5.7	8 51.48	+3.6050+.0005	-21 44 16.5	+0.775+.525	10.0	4
12060	12456	5.6	9 19.30	+4.3726-.0014	-44 14 3.5	+0.815+.637	9.5	4
12061	14714	6.8*	9 19.52	+3.8388-.0000	-29 50 57.3	+0.815+.559	9.5	4
12062	12392	7.2	9 21.06	+4.3263-.0013	-43 11 45.8	+0.818+.630	9.4	4
12063	12422	7.3	9 25.98	+4.0098-.0005	-35 3 54.4	+0.825+.584	9.9	6
12064	12632	6.8	9 27.84	+3.9944-.0004	-34 37 17.5	+0.828+.582	9.6	4
12065	12240	7.2	9 30.11	+4.4578-.0017	-46 3 11.3	+0.831+.649	9.7	4
12066	8706	5.5	9 32.64	+5.0560-.0038	-56 3 8.1	+0.834+.736	9.5	4
12067	14088	8.4	9 36.13	+3.6677+.0003	-24 1 30.0	+0.840+.534	9.8	4
12068	13931	7.4	9 44.32	+3.9189-.0003	-32 22 11.3	+0.852+.570	9.6	4
12069	12388	7.1*	9 45.07	+4.0642-.0007	-36 36 6.5	+0.853+.592	10.0	4
12070	13014	6.9	9 45.23	+3.9436-.0004	-33 7 8.1	+0.853+.574	9.8	4
12071	12597	8.3	9 45.68	+4.2601-.0012	-41 39 2.4	+0.854+.620	9.9	4
12072	11460	6.3	9 55.56	+4.7270-.0027	-51 5 50.9	+0.868+.688	9.7	4
12073	3510	8.2	9 55.65	+6.2736-.0096	-67 21 34.2	+0.868+.913	10.0	4
12074	6124	7.0	10 3.67	+5.5050-.0059	-61 14 19.7	+0.880+.801	10.0	4
12075	12436	7.1	10 11.68	+4.0168-.0006	-35 16 11.2	+0.891+.584	9.5	4
12076	8712	7.4	10 12.85	+5.0903-.0042	-56 30 32.3	+0.893+.741	9.7	4
12077	15328	7.6	10 21.49	+3.8807-.0003	-31 11 17.4	+0.906+.565	9.7	4
12078	952	7.3	10 23.82	+10.619-.0472	-79 58 1.6	+0.909+1.55	9.8	4
12079	14377	8.8	10 26.82	+3.7861-.0001	-28 7 35.0	+0.913+.551	9.5	4
12080	15331	7.2*	10 29.04	+3.8858-.0004	-31 21 0.5	+0.917+.565	9.8	6
12081	11054	7.0	10 36.36	+4.7856-.0032	-52 4 19.2	+0.927+.696	9.5	4
12082	13071	10.1	10 44.78	+4.2958-.0016	-42 30 7.2*	+0.940+.625	10.0	4,3
12083	14386	9.0	10 47.64	+3.7924-.0002	-28 20 7.5	+0.944+.552	9.3	1
12084	12477	8.6	10 47.65	+4.3886-.0019	-44 35 36.3	+0.944+.639	10.2	4
12085	13073	9.0	10 48.25	+4.2849-.0015	-42 14 47.8	+0.945+.624	9.8	4
12086	12478	9.5	10 48.54	+4.3880-.0019	-44 34 50.8	+0.945+.638	10.2	4
12087	3660	9.2	10 50.01	+5.9960-.0090	-65 27 28.3	+0.947+.873	10.2	4
12088	8806	6.8	10 56.37	+4.9346-.0040	-54 21 50.7	+0.956+.718	10.0	4
12089	4370	6.2	10 58.03	+5.7989-.0080	-63 54 47.7	+0.959+.844	10.3	4
12090	12481	8.5	11 1.56	+4.3881-.0019	-44 35 3.2	+0.964+.638	10.0	4
12091	12419	8.4	11 2.77	+4.3402-.0018	-43 31 20.1	+0.966+.632	9.8	4
12092	14752	9.0	11 3.36	+3.8398-.0003	-29 53 22.6	+0.967+.559	9.5	1
12093	12650	6.8	11 6.61	+4.1232-.0011	-38 12 31.1	+0.971+.600	10.0	4
12094	12658	6.7	11 17.74	+3.7746-.0002	-27 44 38.1	+0.988+.549	9.8	4
12095	11061	7.7	11 18.80	+4.8300-.0037	-52 47 5.6	+0.989+.703	10.1	4
12096	15344	7.4	11 26.44	+3.8850-.0005	-31 19 42.7	+1.000+.565	10.0	4
12097	9050	7.2	11 30.00	+4.8942-.0040	-53 46 13.6	+1.006+.712	10.0	4
12098	1417	5.6	11 30.16*	+8.0828-.0249	-75 4 59.3*	+1.006+1.18	9.6	9
12099	12423	3.2	11 32.23	+4.0706-.0011	-36 47 22.0	+1.009+.592	10.0	21
12100	12673	Var.	11 38.22	+3.9775-.0008	-34 8 20.6	+1.017+.578	9.8	4

12098S.P. $30^{s}.28$, $59''.3$, 10.5, 15. 12054 $(28^{s}.21)$,$(33''.6)$. 12082 $(13''.2)$.

No.	Name	Mag.	R. A. 1910	Prec. and Sec. Var.	Decl. 1910	Prec. and Sec. Var.	Epoch.	No. Obs.
		M	h m s	s s	° ′ ″	″ ″		
12101	14408	6.5	18 11 41.52	+3.7917−.0003	−28 19 1.5	+1.022+.552	10.1	7
12102	14407	6.0	11 41.70	+3.8027−.0003	−28 41 1.2	+1.022+.553	10.0	4
12103	955	7.2	11 47.26	+10.143−.0474	−79 18 39.2	+1.030+1.48	9.8	4
12104	11064	6.9	11 54.74	+4.7807−.0037	−51 59 55.8	+1.042+.696	9.6	4
12105	13052	7.0	11 55.20	+3.9535−.0008	−33 25 42.9	+1.042+.575	9.7	4
12106	4263	6.3	12 10.01	+3.1432+.0011	− 3 1 56.6	+1.064+.457	10.6	2
12107	13101	6.5	12 14.25	+4.2878−.0020	−42 19 19.4	+1.070+.624	9.4	4
12108	12684	4.7	12 25.11	+3.7547−.0003	−27 4 33.2	+1.086+.546	9.9	5
12109	12687	6.9	12 30.73	+3.9972−.0010	−34 43 12.0	+1.094+.581	9.6	4
12110	12418	7.4*	12 31.34	+4.0875−.0013	−37 15 29.4	+1.095+.594	10.0	4
12111	7256	7.2	12 38.59	+5.3722−.0069	−59 52 34.6	+1.105+.782	9.6	4
12112	8735	6.8	12 45.10	+5.0696−.0054	−56 15 5.5	+1.115+.737	9.9	5
12113	3035	5.4	12 50.78*	+1.8657+.0020	+42 7 41.4	+1.123+.271	10.3	17,18
12114	12390	7.0	13 2.29	+4.4413−.0028	−45 43 53.3	+1.140+.646	9.7	4
12115	849	5.9	13 6.58	+10.860−.0626	−80 16 38.8	+1.146+1.58	9.4	4
12116	8740	7.7	13 6.75	+5.1247−.0059	−56 58 11.7	+1.146+.746	9.7	4
12117	12995	6.4	13 7.58	+3.7129−.0003	−25 38 19.8	+1.148+.540	9.6	4
12118	12421	6.8	13 8.13	+4.5966−.0034	−48 48 3.2	+1.148+.668	9.7	4
12119	12508	9.4	13 29.14	+4.3924−.0027	−44 41 37.1	+1.179+.639	9.7	4
12120	4385	7.3	13 29.82	+5.7390−.0096	−63 25 14.7	+1.180+.835	9.6	4
12121	12402	7.2	13 30.72	+4.4518−.0029	−45 57 18.4	+1.181+.647	9.5	4
12122	12214	8.0	13 32.39	+4.5238−.0032	−47 24 37.1	+1.184+.658	9.5	4
12123	12452	8.9	13 41.22	+4.3376−.0025	−43 28 53.7	+1.196+.631	9.8	4
12124	12514	7.3	13 55.62	+4.3658−.0027	−44 6 51.8	+1.217+.635	9.5	4
12125	8991	8.3	13 56.00	+5.1284−.0063	−57 1 23.3	+1.218+.746	9.5	4
12126	12460	9.0	14 14.78	+4.3393−.0027	−43 31 21.3	+1.245+.631	9.4	4
12127	12500	6.9	14 14.80	+4.0227−.0015	−35 27 58.5	+1.245+.585	9.8	6
12128	357	8.1	14 16.23*	+23.495−.4140	−86 15 47.4*	+1.247+3.42	9.4	4
12129	12466	6.6	14 29.88	+4.3522−.0028	−43 48 51.3	+1.267+.633	9.5	4
12130	12487	7.2	14 33.48	+4.0708−.0017	−36 48 49.5	+1.272+.592	9.5	4
12131	13147	9.0	14 34.64	+4.3041−.0026	−42 43 13.2	+1.274+.626	9.6	4
12132	15412	7.4*	14 36.89	+3.8852−.0011	−31 21 18.7	+1.277+.565	10.3	6
12133	8629	8.1	14 37.35	+5.0206−.0061	−55 36 15.4	+1.278+.730	9.6	4
12134	12468	9.7	14 37.36	+4.3170−.0027	−43 1 3.6	+1.278+.627	9.6	4
12135	8630	8.6	14 37.55	+5.0213−.0061	−55 36 47.0	+1.278+.730	9.6	4
12136	12457	6.5	14 46.53	+4.0968−.0019	−37 31 35.3	+1.292+.595	9.6	4
12137	13150	8.8	14 51.33	+4.2993−.0027	−42 36 43.2	+1.298+.625	9.8	4
12138	7031	7.0	14 53.70	+5.4577−.0088	−60 47 24.7	+1.302+.793	9.8	4
12139	6140	4.2	14 56.11	+5.5323−.0094	−61 32 8.5	+1.305+.804	9.8	4
12140	13103	7.0	15 0.09	+3.9509−.0014	−33 22 20.7	+1.311+.574	9.8	4
12141	12497	6.7	15 0.65	+4.1547−.0022	−39 3 39.2*	+1.312+.604	9.5	4
12142	1298	6.7	15 2.58	+9.0443−.0444	−77 24 43.9	+1.315+1.32	9.9	4
12143	14834	2.8	15 13.95	+3.8383−.0010	−29 52 1.2	+1.331+.558	10.0	10,21
12144	14051	7.1	15 27.71	+3.9129−.0013	−32 13 17.1	+1.351+.568	9.9	5
12145	15572	7.0	15 27.92	+3.8731−.0012	−30 58 52.6	+1.352+.563	10.0	6
12146	13068	6.7	15 36.99	+3.7264−.0007	−26 7 32.4	+1.365+.541	9.8	4
12147	13163	9.2	15 43.76	+4.3004−.0030	−42 38 38.2	+1.375+.625	9.5	4
12148	13165	8.0	15 53.63	+4.3147−.0030	−42 58 34.6	+1.389+.627	9.5	4
12149	14219	6.4	15 58.95	+3.6929−.0007	−24 57 22.3	+1.397+.536	10.0	4
12150	12729	5.1	16 6.34	+4.1405−.0024	−38 41 53.9	+1.408+.602	9.5	4

12128 S.P. $16^s.57$, $47''.7$, 11.1, 1.

12113 ($51^s.05$).

12141 $38''.4$, $41''.0$, $38''.5$, $38''.9$.

No.	Name	Mag.	R. A. 1910	Prec. and Sec. Var.	Decl. 1910	Prec. and Sec. Var.	Epoch.	No. Obs.
		M	h m s	s s	° ′ ″	″ ″		
12151	14495	6.1	18 16 18.48	+3.7954−.0011	−28 28 18.3	+1.425+.551	10.0	4
12152	13173	7.7	16 20.42	+4.3002−.0031	−42 38 38.7	+1.428+.625	9.5	4
12153	7260	7.8	16 22.20	+5.3501−.0091	−59 39 37.8	+1.431+.777	10.0	4
12154	12462	7.6	16 25.41	+4.5740−.0045	−48 24 10.1	+1.435+.664	10.1	4
12155	3390	5.2	16 29.52	+2.5361+.0017	+21 55 20.6	+1.441+.368	10.6	2
12156	2884	7.8	16 29.94	+6.6482−.0198	−69 33 20.4	+1.442+.966	10.0	4
12157	4693	7.1	16 35.65	+3.6373−.0006	−22 57 49.6	+1.450+.528	9.5	4
12158	4599	3.4	16 39.17	+3.1406+.0008	− 2 55 22.5	+1.455+.456	10.0	56,75
12159	13081	8.0	16 44.73	+3.7359−.0009	−26 27 33.3	+1.463+.542	10.0	4
12160	12524	5.4	16 47.17	+4.0664−.0022	−36 42 43.9	+1.467+.590	9.6	8
12161	13180	8.0	16 51.60*	+4.3076−.0033	−42 49 18.9*	+1.473+.626	10.2	3
12162	13185	7.8	16 57.06	+4.2921−.0032	−42 27 42.0	+1.481+.623	9.8	4
12163	4406	6.4	16 59.45	+5.6956−.0120	−63 3 55.7	+1.485+.827	10.0	4
12164	13186	7.9	17 0.03	+4.3134−.0034	−42 57 24.8	+1.486+.626	10.5	4
12165	13190	7.0	17 4.31	+4.2880−.0032	−42 21 57.8	+1.492+.623	9.8	4
12166	2886	8.0	17 8.35	+6.6235−.0203	−69 25 44.2	+1.498+.962	10.2	4
12167	12496	9.9	17 9.06	+4.3541−.0036	−43 52 48.3	+1.499+.633	10.1	4
12168	8658	7.5	17 11.28	+4.9759−.0071	−55 0 9.7	+1.502+.723	10.0	4
12169	12537	5.6	17 24.21	+4.0508−.0023	−36 16 58.3	+1.521+.588	9.5	8
12170	13197	7.8	17 24.60	+4.2921−.0034	−42 27 54.7	+1.521+.623	9.8	4
12171	9022	7.0	17 34.62	+5.1355−.0083	−57 8 31.3	+1.536+.746	10.0	4
12172	12105	6.6	17 35.08	+4.6434−.0053	−49 41 42.4	+1.537+.674	9.8	4
12173	12735	7.5	17 41.10	+4.2575−.0033	−41 38 49.4	+1.545+.618	9.6	4
12174	12569	5.4	17 45.37	+4.3662−.0038	−44 9 20.4	+1.552+.634	9.8	4
12175	12572	9.6	17 55.24	+4.3859−.0040	−44 35 27.4	+1.566+.637	9.7	4
12176	12781	6.8	18 5.43	+3.9840−.0021	−34 22 47.1	+1.581+.578	9.8	6
12177	12784	2.0	18 11.92	+3.9856−.0021	−34 25 40.4	+1.590+.578	10.1	22
12178	2889	8.2	18 13.40	+6.6101−.0215	−69 21 52.4	+1.592+.960	9.7	4
12179	9112	7.2*	18 29.71	+4.8853−.0071	−53 41 26.5	+1.616+.709	9.4	4
12180	12580	8.9	18 31.60	+4.3838−.0042	−44 33 2.3	+1.619+.636	9.4	4
12181	12582	7.6	18 44.16	+4.3878−.0042	−44 38 25.2	+1.637+.637	9.5	4
12182	14115	7.2	18 44.42	+3.9158−.0020	−32 20 17.7	+1.637+.568	9.4	4
12183	13227	9.7	18 48.93	+4.3115−.0038	−42 55 50.2	+1.644+.626	9.6	1
12184	11555	7.7	18 50.38	+4.7432−.0063	−51 26 14.4	+1.646+.688	9.5	4
12185	12763	8.6	18 58.72	+4.2629−.0036	−41 47 23.8	+1.658+.619	9.6	1
12186	2314	8.5	19 7.78	+7.0651−.0278	−71 33 13.2	+1.671+1.03	9.5	4
12187	12767	9.2	19 11.95	+4.2608−.0037	−41 44 30.7*	+1.677+.618	9.6	4
12188	15661	5.7	19 14.37	+3.8665−.0018	−30 48 11.5	+1.681+.561	9.5	4
12189	12589	6.2	19 18.26	+4.0415−.0026	−36 2 27.3	+1.686+.586	9.6	4
12190	12124	8.5	19 27.65	+4.6382−.0059	−49 37 8.4	+1.700+.673	9.8	4
12191	12594	9.0	19 44.15	+4.3858−.0045	−44 36 27.2	+1.724+.636	9.8	4
12192	13247	9.1	19 45.32	+4.3114−.0041	−42 56 12.5	+1.726+.625	10.0	4
12193	9129	7.3	19 48.04	+4.8498−.0074	−53 9 43.0	+1.730+.704	9.8	4
12194	12527	9.0	19 49.29	+4.3454−.0043	−43 42 43.6	+1.732+.630	9.7	4
12195	3411	3.9	19 51.76	+2.5419+.0016	+21 43 41.5	+1.735+.368	10.0	51,78
12196	12802	6.4	19 57.32	+3.9704−.0024	−33 59 43.9	+1.743+.576	10.0	4
12197	9131	7.1	19 58.87	+4.8839−.0078	−53 41 4.3	+1.746+.708	10.0	4
12198		10	19 58.96	+4.3106−.0042	−42 55 14.6	+1.746+.625	10.5	1
12199	12505	5.5	20 3.79	+4.5598−.0056	−48 10 1.5	+1.753+.661	9.8	4
12200	15510	7.2	20 3.97	+3.8981−.0021	−31 48 17.3	+1.753+.565	9.8	4

12161 Mean; N.pr. $51^s.49$, $16''.6$, 10.6, 1. 12187 $29''.8$, $30''.5$, $32''.4$, $30''.3$.

No.	Name	Mag.	R. A. 1910	Prec. and Sec. Var.	Decl. 1910	Prec. and Sec. Var.	Epoch.	No. Obs.
		M	h m s	s s	° ′ ″	″ ″		
12201	12379	3.8	18 20 18.02	+4.4519−.0051	−46 1 7.4	+1.773+.646	9.9	13
12202	12618	8.9	20 33.58	+4.0391−.0029	−35 59 9.3	+1.796+.586	9.6	1
12203	15696	6.7*	20 53.86	+3.8547−.0021	−30 26 38.0	+1.825+.559	9.5	4
12204	11115	7.3	20 59.14	+4.8102−.0076	−52 33 11.3	+1.833+.698	9.5	4
12205	3553	7.5	21 6.07	+6.2062−.0203	−66 59 29.1	+1.843+.900	9.7	4
12206	13273	8.9	21 12.03	+4.3102−.0045	−42 55 37.5	+1.852+.625	9.5	4
12207	3410	5.0	21 15.93	+1.9773+.0018	+39 27 27.2	+1.857+.286	10.2	12
12208	12632	7.0*	21 19.49	+4.0417−.0030	−36 4 8.6	+1.862+.586	10.0	5
12209	1682	5.9	21 22.28*	+7.7198−.0404	−74 1 21.1*	+1.866+1.12	9.7	10
12210	13225	7.2	21 35.94	+3.9520−.0026	−33 27 52.3	+1.886+.573	9.9	6
12211	12554	8.9	21 42.48	+4.3434−.0048	−43 41 21.7	+1.896+.630	9.5	4
12212	15547	8.4	21 45.51	+3.8905−.0024	−31 35 7.3	+1.900+.564	9.7	4
12213	12153	4.1	21 53.95	+4.6094−.0066	−49 7 12.9	+1.912+.668	9.5	4
12214	12622	9.4	21 59.80	+4.3671−.0051	−44 13 14.4	+1.921+.633	9.9	4
12215	13234	Var.	22 0.71	+3.9490−.0027	−33 22 44.8	+1.922+.572	9.5	4
12216	14965	5.9	22 4.21	+3.8366−.0022	−29 52 17.9	+1.927+.556	9.6	4
12217	12654	7.7	22 4.27	+4.0399−.0032	−36 1 35.9	+1.928+.585	9.8	4
12218	13184	6.2	22 7.11	+3.7412−.0018	−26 41 18.2	+1.932+.542	9.7	4
12219	9063	5.8	22 11.54	+5.1668−.0110	−57 34 46.1	+1.938+.749	10.0	4
12220	12626	5.6	22 13.58	+4.1516−.0038	−39 2 59.9	+1.941+.602	9.5	4
12221	13239	8.6	22 16.68	+3.9497−.0028	−33 24 13.4	+1.945+.572	9.4	1
12222	12308	7.5	22 17.92	+4.5108−.0061	−47 14 17.0	+1.947+.654	9.9	4
12223	12814	7.6	22 21.25	+4.1465−.0038	−38 55 10.2	+1.952+.601	9.8	4
12224	12629	9.3	22 21.75	+4.3778−.0052	−44 27 38.8	+1.953+.634	10.3	4
12225	13149	2.9	22 25.01	+3.7061−.0016	−25 28 19.6	+1.958+.537	10.0	20,23
12226	13151	9.7	22 27.34	+3.7035−.0016	−25 22 47.7	+1.961+.537	9.4	1
12227	13192	6.3	22 29.22	+3.7447−.0018	−26 48 41.9	+1.964+.542	10.1	4
12228	12562	8.5	22 30.73	+4.3206−.0049	−43 10 52.0	+1.966+.626	10.3	4
12229	14382	7.1	22 39.56	+3.6385−.0014	−23 3 20.0	+1.979+.527	10.3	4
12230	12564	6.5	22 41.33	+4.3524−.0052	−43 54 11.2	+1.981+.631	10.2	4
12231	12315	7.5	22 42.15	+4.5058−.0062	−47 8 35.1	+1.982+.653	10.2	4
12232	13307	8.0	22 51.52	+4.2704−.0047	−42 0 47.8	+1.996+.619	9.7	4
12233	14982	9.2*	22 54.54	+3.8382−.0023	−29 56 4.4	+2.000+.556	10.0	4
12234	5881	4.8	22 58.18	+5.6091−.0156	−62 20 10.7	+2.006+.813	9.8	4
12235	12824	6.6	23 3.80	+4.1457−.0040	−38 54 29.5	+2.014+.600	10.0	6
12236	5881	7.8	23 7.38	+5.6113−.0158	−62 21 27.6	+2.019+.813	9.8	4
12237	2326	7.2	23 7.92	+7.1239−.0345	−71 49 51.5	+2.020+1.03	10.3	4
12238	12319	5.7	23 9.72	+4.5123−.0064	−47 16 41.6	+2.022+.654	9.8	4
12239	12644	9.6	23 12.02	+4.3775−.0055	−44 27 53.5	+2.026+.634	10.5	1
12240	13160	8.9	23 12.56	+3.7019−.0017	−25 19 53.6	+2.027+.536	10.0	4
12241	13205	8.2	23 20.65	+3.7398−.0019	−26 39 2.8	+2.038+.542	9.7	4
12242	13206[1]	6.5	23 20.85	+3.7394−.0019	−26 38 20.7	+2.039+.541	9.7	4
12243	13163[1]	8.0	23 23.90	+3.6953−.0017	−25 5 57.8	+2.043+.535	9.8	4
12244	13163[2]	8.3	23 24.16	+3.6953−.0017	−25 5 58.9	+2.043+.535	9.6	1
12245	14995	6.8*	23 28.27	+3.8190−.0024	−29 18 57.5	+2.049+.553	9.5	4
12246	12573	7.1	23 32.86	+4.3513−.0054	−43 53 18.6*	+2.056+.630	10.0	6
12247	12575	9.8	23 36.97	+4.3523−.0054	−43 54 42.3	+2.062+.630	10.0	4
12248	12861	7.1	23 40.80	+3.9689−.0031	−33 59 31.0	+2.068+.575	9.8	4
12249	813	6.3	23 46.60	+12.388−.1565	−81 52 46.6	+2.076+1.80	9.4	4
12250	13170	6.2	23 48.88	+3.7012−.0018	−25 18 52.0	+2.079+.536	9.8	4

12209 S.P. $22^s.41$, $20^{''}.8$, 10.2, 9.

12246 $16^{''}.8$ included.

No.	Name	Mag.	R. A. 1910	Prec. and Sec. Var.	Decl. 1910	Prec. and Sec. Var.	Epoch.	No. Obs.
		M	h m s	s s	° ′ ″	″ ″		
12251	9074	7.5	18 23 52.50	+5.1227−.0115	−57 2 38.5	+2.085+.742	9.8	4
12252	7285	7.8	23 56.36	+5.3400−.0136	−59 37 23.5	+2.090+.773	10.2	4
12253	13262	9.3	24 0.09	+3.9534−.0031	−33 32 12.4	+2.095+.572	10.4	1
12254	5071	4.7	24 4.09	+3.4193−.0006	−14 37 26.2	+2.101+.495	9.8	8
12255	13268	8.1	24 4.25	+3.9558−.0032	−33 36 24.6	+2.102+.573	10.0	5
12256	13269	7.6	24 6.22	+3.9540−.0031	−33 33 15.5	+2.104+.572	10.5	6,5
12257	13270	7.2	24 7.11	+3.9391−.0031	−33 6 25.3	+2.106+.570	9.5	4
12258	12549	6.7	24 7.30	+4.5524−.0070	−48 4 27.9	+2.106+.659	9.5	4
12259	12332	6.7	24 15.09	+4.5425−.0070	−47 53 6.3	+2.117+.658	9.9	4
12260	11980	7.3	24 30.19	+4.6699−.0080	−50 14 44.2	+2.139+.676	9.7	4
12261	2330	7.6	24 33.34	+7.0180−.0350	−71 23 15.3	+2.144+1.02	10.2	4
12262	12339	7.2	24 34.49	+4.5162−.0069	−47 22 26.7	+2.145+.654	10.0	4
12263	12871	6.3	24 39.02	+4.2678−.0052	−41 58 25.5	+2.152+.618	9.8	4
12264	12589	7.8	24 42.77	+4.3462−.0057	−43 47 26.9	+2.157+.629	10.0	4
12265	12590	7.5	24 45.37	+4.3513−.0058	−43 54 17.9	+2.161+.630	9.7	4
12266	14648	7.5	24 48.72	+3.8046−.0025	−28 51 19.0	+2.166+.550	10.0	4
12267	12560	8.4	24 48.81	+4.5864−.0075	−48 43 44.7	+2.166+.664	10.1	4
12268	14402	8.4	24 54.04	+3.6674−.0018	−24 7 24.2	+2.174+.530	9.8	4
12269	12591	8.6	24 56.03	+4.3298−.0057	−43 25 19.7	+2.176+.626	9.6	4
12270	14431	7.0	25 1.13	+3.6450−.0017	−23 18 40.3	+2.184+.527	10.0	4
12271	11627	7.6	25 3.22	+4.7240−.0086	−51 11 11.3	+2.187+.684	10.4	4
12272	13345	7.9	25 4.86	+4.2753−.0053	−42 9 28.6	+2.189+.619	10.3	4
12273	12730	7.0	25 5.13	+4.0689−.0040	−36 52 15.1	+2.190+.589	10.3	4
12274	12550	5.0	25 5.39	+4.4470−.0065	−45 58 34.3	+2.190+.644	10.1	4
12275	3380	6.9	25 5.85	+6.1050−.0230	−66 20 37.8	+2.191+.884	10.6	4
12276	13281	5.4	25 10.61	+3.9368−.0033	−33 2 58.0	+2.198+.569	10.0	15
12277	12556	5.3	25 22.64	+4.4393−.0066	−45 49 10.6	+2.215+.642	9.5	4
12278	12600	5.7	25 26.21	+4.3360−.0058	−43 34 11.4	+2.220+.627	9.7	4
12279	12672	8.0	25 27.38	+4.3848−.0062	−44 39 23.4	+2.222+.634	9.7	4
12280	7418	6.5	25 36.05	+5.2629−.0138	−58 46 14.1	+2.235+.762	9.7	4
12281	2271	7.6	25 40.79	+7.3779−.0426	−72 51 26.4	+2.241+1.07	10.0	4
12282	12696	5.2	26 5.29	+4.1775−.0049	−39 46 0.2	+2.277+.604	9.5	4
12283	12685	8.8	26 11.75	+4.3552−.0062	−44 0 47.3	+2.286+.630	9.5	4
12284	13306	7.4	26 29.49	+3.9347−.0035	−33 0 10.4	+2.312+.569	9.6	4
12285	15058	6.9	26 30.60	+3.8161−.0028	−29 15 16.2	+2.314+.552	9.9	6
12286	12700	7.0*	26 31.96	+4.0164−.0040	−35 24 49.5	+2.316+.580	9.5	4
12287	13247	8.0	26 37.24	+3.7360−.0024	−26 33 27.7	+2.323+.540	9.5	4
12288	12704	6.3	26 43.81	+4.1845−.0051	−39 57 18.5	+2.333+.605	9.5	4
12289	8937	6.9	27 3.90	+4.9095−.0111	−54 9 15.7	+2.362+.710	9.5	4
12290	3529	5.7	27 4.28	+2.6702+.0013	+16 51 56.5	+2.362+.386	10.6	1
12291	13378	4.7	27 4.61	+4.2834−.0059	−42 22 41.1	+2.363+.619	9.6	10
12292	12896	6.0	27 10.76	+4.1391−.0049	−38 47 29.7*	+2.372+.598	9.5	4
12293	12895	6.6	27 10.78	+4.1389−.0049	−38 47 8.5*	+2.372+.598	9.5	4
12294	12621	8.9	27 15.86	+4.3335−.0063	−43 32 20.4	+2.379+.626	9.6	4
12295	11158	6.3	27 16.89	+4.8308−.0105	−52 57 28.8	+2.381+.698	9.8	4
12296	4767	8.0	27 19.80	+3.6141−.0019	−22 12 6.0	+2.385+.522	9.8	4
12297	484	8.3	27 23.96*	+20.546−.5872	−85 39 26.8*	+2.391+2.97	9.4	4
12298	5099	5.9	27 34.98	+3.4263−.0010	−14 55 53.1	+2.407+.495	9.7	1
12299	8734	7.5	27 38.57	+5.0138−.0124	−55 39 3.6	+2.412+.725	9.6	4
12300	12016	6.7*	27 39.43	+4.6986−.0094	−50 47 23.2	+2.413+.679	9.8	4

12297 S.P. 23ˢ.47, 27″.7, 11.1, 1.

12292 28″.5, 30″.1, 29″.1, 31″.0.

12293 7″.6, 7″.6, 8″.9, 10″.0.

No.	Name	Mag.	R. A. 1910	Prec. and Sec. Var.	Decl. 1910	Prec. and Sec. Var.	Epoch.	No. Obs.
		M	h m s	s s	° ′ ″	″ ″		
12301	11161	6.9	18 27 41.80	+4.7986−.0104	−52 27 14.9	+2.417+.694	10.2	4
12302	14462	6.8	27 44.28	+3.6681−.0022	−24 10 33.2	+2.420+.530	10.0	4
12303	13392	7.7	27 51.72	+4.2948−.0062	−42 39 30.8	+2.431+.620	9.6	4
12304	7093	8.0	27 51.79	+5.4122−.0168	−60 26 53.2	+2.431+.782	9.6	4
12305	485	9.1	27 56.93	+20.491−.5956	−85 38 42.1	+2.439+2.96	9.4	4
12306	13338	5.4	28 3.53	+3.9367−.0038	−33 5 2.0	+2.448+.569	9.5	4
12307	14466	8.1	28 5.36	+3.6670−.0022	−24 8 27.3	+2.451+.530	9.6	1
12308	13341	7.0*	28 11.11	+3.9348−.0038	−33 1 43.9	+2.459+.568	9.5	4
12309	14470	7.8	28 17.50	+3.6683−.0023	−24 11 27.8	+2.468+.530	9.5	4
12310	14472	5.7	28 23.62	+3.6657−.0023	−24 6 0.4	+2.477+.529	10.0	9
12311	12924	6.9	28 27.58	+3.9971−.0043	−34 53 5.6	+2.483+.577	9.7	4
12312	15855	7.2	28 28.35	+3.8678−.0034	−30 57 4.1	+2.484+.558	10.1	7
12313	12715	9.4	28 31.95	+4.3653−.0069	−44 16 17.3	+2.489+.630	9.6	4
12314	2568	7.2	28 33.98	+6.7777−.0367	−70 18 30.0	+2.492+.979	9.6	4
12315	2570	7.2	28 50.47	+6.8964−.0391	−70 52 38.7	+2.516+.996	9.8	4
12316	662	7.7	28 55.97	+14.986−.3006	−83 39 0.7	+2.524+2.17	9.4	4
12317	12728	7.1*	29 0.59	+4.1756−.0056	−39 45 49.6	+2.531+.603	9.8	4
12318	12723	9.6	29 1.42	+4.3757−.0072	−44 30 36.2*	+2.532+.632	9.6	4,3
12319	1180	6.8	29 2.06	+9.3879−.0943	−78 8 41.5	+2.533+1.36	9.7	4
12320	14479	6.4	29 2.42	+3.6709−.0024	−24 17 30.0	+2.533+.530	10.2	4
12321	7437	7.5	29 3.26	+5.2493−.0157	−58 39 29.9	+2.534+.758	10.0	4
12322	8866	6.8	29 6.73	+5.0600−.0136	−56 17 48.2	+2.540+.731	9.8	4
12323	12727	9.1	29 20.92	+4.3750−.0073	−44 29 59.8	+2.560+.631	9.6	4
12324	12646	9.5	29 23.38	+4.3508−.0071	−43 57 49.1	+2.564+.628	9.6	4
12325	12729	9.5	29 26.44	+4.3749−.0073	−44 29 56.0	+2.568+.631	9.6	4
12326	14281	6.8	29 32.78	+3.9319−.0040	−32 57 41.9	+2.577+.567	9.5	4
12327	12653	9.3	29 47.14	+4.3284−.0070	−43 27 44.9	+2.598+.625	9.6	4
12328	15888	6.9	29 58.24	+3.8378−.0035	−30 0 33.0	+2.614+.554	9.5	4
12329	4681	5.2	30 2.27	+3.3312−.0008	−11 2 53.3	+2.620+.480	10.4	7
12330	12953	8.4	30 13.90	+4.2544−.0065	−41 44 9.5	+2.637+.614	9.8	4
12331	15123	6.5	30 14.97	+3.8303−.0035	−29 46 16.0	+2.638+.552	10.2	6
12332	4638	4.1	30 18.56	+3.2660−.0006	− 8 18 27.8	+2.643+.471	10.0	17,28
12333	3936	7.8	30 20.89	+5.9054−.0250	−64 56 17.8	+2.647+.852	9.7	4
12334	663	6.8	30 24.30	+14.531−.2937	−83 24 19.4	+2.652+2.10	9.5	4
12335	12408	7.0	30 41.08	+4.5002−.0088	−47 8 54.4	+2.676+.649	9.6	4
12336	12748	8.6	30 44.78	+4.3556−.0075	−44 5 32.0	+2.681+.628	10.0	4
12337	3746	8.3	30 44.95	+6.0424−.0274	−65 57 58.4	+2.682+.872	9.8	4
12338	12648	6.8	30 56.31	+4.2187−.0064	−40 52 38.4	+2.698+.608	9.4	4
12339	3938	7.7	31 14.36	+5.8865−.0255	−64 48 8.9	+2.724+.849	9.5	4
12340	7325	7.0	31 21.47	+5.2931−.0176	−59 11 46.7	+2.734+.763	9.8	4
12341	12972	7.4	31 21.82	+4.2516−.0068	−41 41 19.6	+2.735+.613	9.5	4
12342	14765	6.8	31 21.88	+3.7939−.0035	−28 35 3.5	+2.735+.547	10.0	6
12343	15145	8.3	31 26.85	+3.8158−.0036	−29 18 43.2	+2.742+.550	9.8	4
12344	15146	7.7	31 33.48	+3.8230−.0037	−29 32 55.6	+2.752+.551	9.9	5
12345	13291	7.4	31 37.79	+3.7107−.0030	−25 44 21.3	+2.758+.535	9.8	4
12346	12637	6.5	31 39.28	+4.5844−.0099	−48 47 48.0	+2.760+.661	9.5	4
12347	12639	7.6	31 40.49	+4.4214−.0084	−45 32 30.7	+2.762+.637	9.8	4
12348	12759	8.4	31 42.74	+4.3723−.0079	−44 28 44.9	+2.765+.630	9.5	4
12349	7455	7.0	31 54.40*	+5.2706−.0176	−58 56 50.8	+2.782+.760	9.5	4
12350	8887	9.2	32 4.32	+5.0520−.0150	−56 14 7.6	+2.796+.728	9.4	1

12318 (31ˢ.3).

12349 54ˢ.28, 54ˢ.62, 54ˢ.42, 54ˢ.26.

No.	Name	Mag.	R. A. 1910	Prec. and Sec. Var.	Decl. 1910	Prec. and Sec. Var.	Epoch.	No. Obs.
		M	h m s	s s	° ′ ″	″ ″		
12351	2576	7.4	18 32 21.20	+6.7850−.0418	−70 23 2.9	+2.820+.978	9.6	4
12352	12644	6.0	32 25.65	+4.5413−.0097	−47 59 17.4	+2.827+.654	9.7	4
12353	14337	7.3*	32 26.73	+3.9238−.0045	−32 45 35.2	+2.828+.565	9.8	4
12354	7458	6.9	32 28.11	+5.2621−.0178	−58 51 31.8	+2.830+.758	9.6	4
12355	5076	5.8	32 31.12	+3.5929−.0024	−21 28 21.9	+2.835+.517	10.0	4
12356	2353	4.1	32 31.62*	+7.0279−.0468	−71 30 23.2*	+2.836+1.01	10.1	26
12357	12521	7.1	32 33.63	+4.4697−.0091	−46 33 49.4	+2.838+.644	10.0	4
12358	13417	7.6	32 35.48	+3.9500−.0047	−33 33 23.3	+2.841+.569	10.0	4
12359	13305	8.1	32 42.01	+3.7034−.0031	−25 29 54.9	+2.850+.533	10.0	4
12360	2935	7.7	32 48.82*	+6.6045−.0390	−69 28 9.4*	+2.860+.952	10.1	3,4
12361	12652	7.4	32 50.08	+4.4340−.0088	−45 49 42.7	+2.862+.638	9.8	4
12362	15966	6.8	32 56.44	+3.8394−.0040	−30 6 20.5	+2.871+.553	9.8	4
12363	14572	5.8	33 2.31	+3.6498−.0029	−23 34 56.8	+2.880+.525	10.1	9
12364	15971	7.6	33 5.38	+3.8546−.0042	−30 35 49.8	+2.884+.555	9.5	4
12365	12699	5.4	33 7.15	+4.3172−.0079	−43 15 50.5	+2.887+.622	10.0	4
12366	11201	7.4	33 14.71	+4.7823−.0125	−52 16 53.4	+2.898+.689	9.5	4
12367	8899	7.0	33 17.97	+5.0455−.0156	−56 10 11.8	+2.902+.727	9.8	4
12368	13006	6.6	33 20.45	+3.9727−.0051	−34 14 42.4	+2.906+.572	10.0	4
12369	3941	8.4	33 23.89	+5.8547−.0268	−64 34 49.9	+2.911+.843	10.1	4
12370	5081	5.9	33 31.39	+3.5834−.0025	−21 7 37.3	+2.922+.516	10.0	4
12371	14821	7.5	33 33.37	+3.7832−.0037	−28 15 36.4	+2.924+.544	9.8	4
12372	14580	6.8	33 34.48	+3.6408−.0028	−23 15 40.0	+2.926+.524	9.9	4
12373	3942	6.5	33 35.23	+5.8726−.0273	−64 43 29.9	+2.927+.846	9.8	4
12374	13434	7.8	33 36.44	+3.9335−.0048	−33 4 26.4	+2.929+.566	10.0	4
12375	13493	8.4	33 47.23	+4.2634−.0076	−42 0 57.1	+2.945+.614	9.7	4
12376	3238	0.1	33 53.48	+2.0136+.0015	+38 41 57.8	+2.954+.289	10.1	17,16
12377	12709	7.8	33 55.40	+4.3234−.0081	−43 25 15.1	+2.956+.622	9.7	4
12378	12449	6.9	33 59.72	+4.4953−.0098	−47 6 31.8	+2.963+.647	9.5	4
12379	1314	6.3	34 0.40	+9.2699−.1068	−77 57 39.2	+2.964+1.34	9.7	4
12380	12797	7.2	34 10.10	+4.3601−.0085	−44 15 15.3	+2.978+.627	9.5	4
12381	13318	9.2	34 15.02	+3.7052−.0033	−25 34 53.3	+2.985+.533	9.5	3
12382	13320[1]	9.2	34 18.46	+3.7053−.0033	−25 35 13.6	+2.990+.533	9.4	2
12383	13320[2]	8.4	34 18.86	+3.7052−.0033	−25 35 6.4*	+2.990+.533	9.4	4
12384	12079	6.6	34 20.75	+4.6786−.0118	−50 33 13.8	+2.993+.673	9.7	4
12385	8906	9.8	34 24.99	+5.0539−.0162	−56 18 2.8	+2.999+.727	10.0	4
12386	13454	7.1*	34 39.36	+3.9616−.0052	−33 56 21.7	+3.020+.570	9.9	6
12387	12668	6.4	34 41.81	+4.5488−.0106	−48 10 29.5	+3.023+.654	9.5	4
12388	13511	7.3	34 48.80	+4.2724−.0079	−42 14 59.0	+3.033+.614	10.0	4
12389	3943	5.8	34 51.01	+5.8590−.0281	−64 38 8.1	+3.036+.843	9.6	5
12390	12727	8.8	34 52.46	+4.3450−.0086	−43 55 48.8	+3.039+.625	9.8	4
12391	12814	7.6	34 53.96	+4.1487−.0068	−39 10 15.2	+3.041+.596	10.0	5
12392	13517	8.5	35 0.20	+4.2906−.0081	−42 40 53.6	+3.050+.617	9.8	4
12393	8914	8.2	35 5.50	+5.0287−.0163	−55 58 25.0	+3.057+.723	9.8	4
12394	16026	7.6	35 13.84	+3.8539−.0045	−30 36 40.0	+3.069+.554	9.5	4
12395	2300	6.8	35 16.63	+7.3653−.0584	−72 54 1.6	+3.073+1.06	9.5	4
12396	12810	9.1	35 30.38	+4.3486−.0088	−44 1 16.0	+3.093+.625	9.4	4
12397	12467	6.8	35 35.44	+4.5309−.0107	−47 50 42.3	+3.100+.651	9.5	4
12398	12812	7.4	35 36.02	+4.3480−.0088	−44 0 35.0	+3.101+.625	9.4	4
12399	12470	8.1	35 46.75	+4.5262−.0107	−47 45 26.0	+3.117+.650	9.5	4
12400	13526	7.4	35 47.80	+4.2607−.0081	−41 59 21.9	+3.118+.612	9.8	4

12356S.P. $31^s.58$, $23''.5$, 10.1, 8.

12360 ($49^s.31$), $9''.1$, $9''.7$, $10''.7$, $8''.1$.

12383 $7''.1$, $4''.6$, $6''.2$, $7''.5$.

No.	Name	Mag.	R. A. 1910	Prec. and Sec. Var.	Decl. 1910	Prec. and Sec. Var.	Epoch.	No. Obs.
		M	h m s	s s	° ′ ″	″ ″		
12401	12742	9.1	18 35 51.30	+4.3336−.0088	−43 41 28.6	+3.123+.623	9.8	4
12402	8807	7.5	35 54.46	+5.0186−.0165	−55 51 5.6	+3.128+.721	10.0	4
12403	12817	8.7	35 58.01	+4.3618−.0091	−44 19 36.1	+3.133+.627	9.8	4
12404	15848	8.3	35 58.17	+3.8736−.0048	−31 15 14.7	+3.133+.556	9.8	4
12405	12745	8.3	36 4.64	+4.3310−.0088	−43 38 9.3	+3.142+.622	9.6	4
12406	12727	8.9	36 7.64	+4.2070−.0076	−40 40 55.8	+3.147+.604	10.0	4
12407	7348	7.9	36 16.50	+5.2748−.0202	−59 4 3.1	+3.160+.758	9.5	4
12408	14625	6.1	36 22.29	+3.6578−.0033	−23 55 4.7	+3.168+.525	10.0	4
12409	664	6.6	36 23.32	+14.698−.3615	−83 31 27.9	+3.170+2.11	9.4	4
12410	3948	4.9	36 36.98*	+5.8964−.0302	−64 57 24.6*	+3.189+.847	10.2	26
12411	12836	7.0*	36 39.41	+4.1552−.0073	−39 22 19.5	+3.193+.597	9.7	4
12412	6229	6.2	36 59.83	+5.4702−.0236	−61 11 2.5	+3.222+.786	9.5	4
12413	12566	9.4	37 3.31	+4.4510−.0103	−46 15 47.0	+3.227+.639	9.6	4
12414	9290	7.2	37 11.89	+4.8804−.0154	−53 53 24.5	+3.239+.701	9.5	4
12415	4796	4.7	37 20.74	+3.2847−.0012	− 9 8 21.9	+3.252+.471	9.8	6
12416	13036	5.1	37 36.56	+4.1179−.0072	−38 24 38.4	+3.275+.591	9.5	9,8
12417	9180	6.3	37 45.97	+5.1003−.0186	−56 58 18.6	+3.288+.732	9.4	4
12418	3752	7.2	37 58.53	+5.9438−.0323	−65 20 30.9	+3.306+.853	9.5	4
12419	12776	8.6	37 59.73	+4.3342−.0094	−43 44 55.8	+3.308+.622	9.5	3
12420	12946	6.4	38 2.67*	+4.0588−.0067	−36 48 24.0	+3.312+.582	9.7	4
12421	13564	8.4	38 8.65	+4.2873−.0090	−42 40 0.6	+3.321+.615	9.8	4
12422	14660	8.7	38 13.38	+3.6406−.0034	−23 19 11.1	+3.328+.522	9.5	4
12423	12876	4.8	38 17.73*	+4.0205−.0064	−35 43 52.7	+3.334+.576	9.8	4
12424	12817	8.1	38 35.02	+4.0645−.0069	−36 58 39.5	+3.359+.583	9.6	4
12425	4686	5.1	38 37.16	+3.2662−.0012	− 8 21 53.4	+3.362+.468	10.0	9
12426	1939	6.2	38 39.73	+7.4063−.0651	−73 5 28.8*	+3.366+1.06	9.8	4
12427	12864	5.5	38 42.13	+4.1692−.0079	−39 46 37.7	+3.369+.598	9.5	4
12428	12701	7.1	38 43.68	+4.5642−.0121	−48 33 2.0	+3.371+.654	9.8	4
12429	12866	6.8	38 44.17	+4.1715−.0080	−39 50 12.3	+3.372+.598	9.5	4
12430	12702	7.0*	38 47.56	+4.5539−.0120	−48 21 21.0	+3.377+.653	9.8	4
12431	12122	6.6	38 53.74	+4.6971−.0138	−50 57 52.5	+3.386+.673	10.0	4
12432	587	7.6	39 1.89	+15.708−.4535	−84 2 57.6	+3.397+2.26	9.4	4
12433	12509	8.2	39 15.80	+4.4917−.0115	−47 8 30.2	+3.417+.644	9.8	4
12434	12894	6.6	39 16.44	+4.0274−.0067	−35 56 50.6	+3.418+.577	10.0	6
12435	13394	5.8	39 17.65	+3.6894−.0039	−25 6 6.9	+3.420+.528	10.0	4
12436	858	6.8	39 17.83	+11.231−.2030	−80 49 51.6	+3.420+1.61	9.4	4
12437	7161	7.7	39 18.00	+5.3970−.0239	−60 28 8.3	+3.421+.774	10.1	4
12438	13592	7.5	39 33.07	+4.2842−.0093	−42 37 27.0	+3.442+.614	9.4	4
12439	12853	8.6	39 35.37	+4.3702−.0102	−44 35 16.3	+3.446+.626	9.6	4
12440	12854	6.7	39 36.91	+4.3579−.0101	−44 18 54.7	+3.448+.624	9.5	4
12441	12600	9.3	39 37.70	+4.4686−.0113	−46 40 51.3	+3.449+.640	10.0	4
12442	13595	7.2	39 37.85	+4.2856−.0093	−42 39 33.3	+3.449+.614	9.4	4
12443	5963	7.4	39 45.00	+5.5823−.0273	−62 19 23.5	+3.459+.800	10.0	4
12444	3754	5.9	39 47.20*	+5.9176−.0334	−65 10 18.6*	+3.462+.848	9.5	8
12445	13602	7.1	39 55.24*	+4.2581−.0091	−42 0 40.7	+3.474+.610	9.7	4
12446	12135	6.6	40 0.96	+4.6515−.0137	−50 11 17.5	+3.482+.666	9.7	4
12447	13170	3.3	40 2.05	+3.7455−.0045	−27 5 2.3*	+3.484+.536	10.2	22,26
12448	12604	9.2	40 4.48	+4.4580−.0114	−46 28 26.0	+3.487+.639	9.7	4
12449	12805	7.2	40 17.26	+4.3379−.0101	−43 52 54.1	+3.506+.621	9.8	4
12450	3766	5.0	40 17.35	+3.0273−.0002	+ 1 58 4.1	+3.506+.433	9.7	1

12410 S.P. $37^s.12$, $26''.7$, 10.2, 9.
12410 $36^s.71$ included.
12423 $17^s.78$, $17^s.58$, $17^s.82$, $17^s.72$.
12445 $55^s.36$, $55^s.07$, $55^s.28$, $55^s.24$.

12444 S.P. $47^s.28$, $20''.9$, 10.3, 5.
12420 $2^s.72$, $2^s.52$, $2^s.68$, $2^s.76$.
12426 $28''.9$, $26''.7$, $29''.8$, $29''.6$.
12447 (0″.3).

No.	Name	Mag.	R. A. 1910	Prec. and Sec. Var.	Decl. 1910	Prec. and Sec. Var.	Epoch.	No. Obs.
		M	h m s	s s	° ′ ″	″ ″		
12451	12887	6.8	18 40 24.53	+4.1697-.0083	-39 49 30.1	+3.516+.597	10.0	4
12452	13176	6.7	40 25.33	+3.7602-.0046	-27 35 37.6	+3.517+.538	10.0	4
12453	12336	7.1	40 28.54	+4.6252-.0135	-49 43 31.5	+3.522+.662	10.2	4
12454	4451	7.5	40 32.04	+5.6959-.0299	-63 22 1.6	+3.527+.816	9.6	4
12455	13095	7.5	40 34.56	+3.9599-.0064	-34 0 9.5	+3.530+.567	10.4	8
12456	13181	8.2	40 38.55	+3.7555-.0046	-27 26 21.7	+3.536+.537	9.8	4
12457	4854	5.8	40 54.94	+3.6169-.0036	-22 29 13.9	+3.560+.517	10.0	4
12458	12528	7.6	40 59.46	+4.5271-.0125	-47 52 59.0	+3.566+.648	10.1	4
12459	15345	6.8	41 3.51	+3.8234-.0053	-29 43 34.2	+3.572+.547	9.8	4
12460	12818	7.6	41 4.67	+4.3266-.0102	-43 38 33.1	+3.574+.619	9.6	4
12461	12856	7.0*	41 11.43	+4.0867-.0077	-37 38 39.1	+3.583+.585	9.5	4
12462	12807	5.3	41 27.13	+4.1954-.0088	-40 30 9.6	+3.606+.600	9.5	4
12463	12873	8.3	41 29.15	+4.3481-.0105	-44 8 17.1	+3.609+.622	9.5	4
12464	7373	8.0	41 38.08	+5.2641-.0232	-59 2 49.1	+3.622+.753	9.5	4
12465	12827	7.1	41 38.86	+4.3273-.0103	-43 40 12.6	+3.623+.619	9.6	4
12466	1436	7.4	41 46.21	+7.9985-.0879	-75 3 40.8	+3.633+1.15	9.4	4
12467	3926	4.3	41 47.32	+2.5822+.0011	+20 27 34.6	+3.635+.369	10.0	13,26
12468	12626	7.4	41 47.82	+4.4600-.0119	-46 33 13.8	+3.636+.638	9.4	4
12469	1950	7.1	41 54.84	+7.5759-.0755	-73 43 57.3	+3.646+1.08	9.7	4
12470	12881	9.4	41 56.60	+4.3585-.0108	-44 22 48.8	+3.648+.623	9.6	4
12471	14997	7.2	41 56.83	+3.7824-.0051	-28 22 36.7	+3.649+.541	9.8	4
12472	12911	7.0*	42 3.58	+4.1634-.0087	-39 42 3.8	+3.658+.595	10.0	4
12473	12884	8.8	42 13.49	+4.3449-.0107	-44 4 59.3	+3.672+.621	10.0	4
12474	12772	7.4	42 14.20	+4.4029-.0114	-45 21 37.5	+3.674+.630	10.0	4
12475	12877	7.0	42 15.67	+4.0665-.0077	-37 6 41.1	+3.676+.581	10.3	5
12476	13116	7.1	42 18.57	+3.9588-.0067	-34 0 22.3	+3.680+.566	10.0	4
12477	12841	5.6	42 20.87	+4.3313-.0106	-43 46 42.8	+3.683+.619	10.0	4
12478	4582	4.5	42 23.95	+3.1839-.0010	- 4 50 41.7	+3.687+.455	9.6	9,12
12479	12779	5.8	42 48.58	+4.4281-.0119	-45 54 42.1	+3.723+.633	9.6	4
12480	11252	7.0	42 49.00	+4.7668-.0163	-52 13 20.2	+3.723+.681	9.9	4
12481	12854	5.6	43 6.60	+4.3198-.0107	-43 32 3.1	+3.748+.617	9.6	4
12482	5979	7.8	43 6.90	+5.6214-.0304	-62 44 55.3	+3.749+.804	9.7	4
12483	14541	6.8	43 10.72	+3.9189-.0065	-32 48 38.2	+3.754+.560	9.6	4
12484	13128	6.6	43 18.34	+3.9864-.0072	-34 50 48.3	+3.765+.569	9.5	4
12485	6260	7.4	43 25.97	+5.4401-.0273	-60 59 53.1	+3.776+.777	9.5	4
12486	3884	6.3	43 34.73	+2.9775-.0001	+ 4 8 29.5	+3.789+.425	9.7	1
12487	11258	7.4	43 43.96	+4.7765-.0168	-52 24 7.4	+3.802+.682	9.5	4
12488	13657	7.4	43 44.71	+4.2670-.0102	-42 18 45.1	+3.803+.609	9.7	4
12489	13603	7.8	43 46.08	+3.9475-.0069	-33 41 53.0	+3.805+.564	9.5	4
12490	5983	4.4	43 52.91	+5.5706-.0300	-62 17 29.8	+3.815+.796	10.1	32
12491	12565	7.3	43 54.71	+4.5236-.0134	-47 52 56.2	+3.817+.646	9.7	4
12492	12868	8.2	43 59.56	+4.3256-.0110	-43 41 16.3	+3.824+.618	9.5	4
12493	13248	7.8	43 59.66	+3.7475-.0051	-27 13 36.0	+3.824+.535	9.6	4
12494	13611	8.1	44 14.20*	+3.9472-.0070	-33 41 58.6	+3.845+.563	10.0	6
12495	11792	7.3	44 18.88	+4.7286-.0164	-51 37 24.3	+3.852+.675	9.5	4
12496	12797	7.8	44 25.30	+4.3901-.0119	-45 8 5.5	+3.861+.626	9.8	4
12497	7185	8.1	44 36.27	+5.3739-.0269	-60 19 42.0	+3.877+.767	9.6	4
12498	11261	7.2	44 36.64	+4.7812-.0172	-52 29 57.3	+3.877+.682	9.5	4
12499	13159[1]	7.0	44 39.18	+4.2190-.0099	-41 9 59.1	+3.881+.602	9.5	4
12500	13159[2]	9.0	44 40.08	+4.2189-.0099	-41 9 58.5	+3.882+.602	9.5	4

12494 14.34 included.

No.	Name	Mag.	R. A. 1910	Prec. and Sec. Var.	Decl. 1910	Prec. and Sec. Var.	Epoch.	No. Obs.
		M	h m s	s s	° ′ ″	″ ″		
12501	13325	7.4	18 44 45.60	+3.6277-.0042	-22 57 4.9	+3.890+.517	9.8	4
12502	12917	7.6	44 47.47	+4.3643-.0117	-44 34 39.5	+3.893+.623	9.8	4
12503	13153	7.2	44 49.76	+3.9704-.0073	-34 24 31.3	+3.896+.566	9.8	4
12504	12943	7.0*	44 55.91	+4.1446-.0092	-39 16 46.0	+3.905+.591	9.8	4
12505	13535	7.2	45 1.37	+3.7367-.0052	-26 52 26.2	+3.913+.533	9.8	4
12506	16050	7.9	45 10.50	+3.8620-.0063	-31 3 56.4	+3.926+.550	9.8	4
12507	12892	9.3	45 11.57	+4.3302-.0114	-43 49 18.9	+3.927+.617	9.8	4
12508	16310	8.7	45 12.36	+3.8568-.0063	-30 54 2.1	+3.928+.550	10.0	4
12509	4880	8.1	45 15.11	+3.6119-.0041	-22 22 13.9	+3.932+.515	9.8	4
12510	4881	6.2	45 25.90	+3.6090-.0041	-22 15 57.6	+3.948+.514	10.0	8
12511	11268	5.3	45 31.27	+4.7622-.0173	-52 12 41.2	+3.956+.679	9.5	4
12512	12927	7.1	45 36.53	+4.3663-.0120	-44 38 31.0	+3.963+.622	9.8	4
12513	12928	9.8	45 39.44	+4.3572-.0118	-44 26 27.3	+3.967+.621	9.8	4
12514	12669	5.5	45 45.85	+4.4626-.0132	-46 42 6.2	+3.976+.636	10.0	4
12515	12931	8.0	45 48.87	+4.3571-.0119	-44 26 32.4	+3.981+.621	9.4	4
12516	13284	7.4	45 49.37	+3.7476-.0054	-27 16 8.8	+3.981+.534	9.5	4
12517	13180	6.5	45 50.38	+4.2442-.0105	-41 48 54.1	+3.983+.605	9.8	4
12518	13181	7.2	45 57.36	+4.2119-.0102	-41 1 23.4	+3.993+.600	9.8	4
12519	11273	6.5	46 5.06	+4.7509-.0174	-52 2 19.7	+4.004+.677	9.6	4
12520	12935	8.8	46 8.76	+4.3559-.0120	-44 25 27.3	+4.009+.621	9.4	4
12521	12769	6.5	46 13.52	+4.5507-.0145	-48 27 59.7	+4.016+.648	9.5	4
12522	12676	6.3	46 18.79	+4.4615-.0134	-46 41 39.3	+4.023+.636	9.5	4
12523	16346	8.8	46 26.33	+3.8560-.0065	-30 54 5.4	+4.034+.549	9.9	5
12524	4892	6.7*	46 44.03	+3.6020-.0042	-22 1 39.4	+4.059+.512	10.0	4
12525	3223	Var.	46 45.42*	+2.2143+.0014	+33 15 27.5	+4.061+.314	10.3	18,19
12526	13562	6.3	46 52.62	+3.7323-.0054	-26 45 25.0	+4.072+.531	9.6	4
12527	15449	6.3	46 54.10*	+3.8124-.0061	-29 29 11.1	+4.074+.542	9.6	4
12528	16356	6.6	46 55.04	+3.8538-.0065	-30 50 30.0	+4.075+.548	9.5	4
12529	12603	7.2	47 17.74	+4.4942-.0141	-47 22 59.9	+4.107+.640	9.8	4
12530	12939	7.0	47 18.40	+4.0720-.0089	-37 22 58.2	+4.108+.579	10.0	4
12531	1448	6.7	47 18.73	+8.1324-.1045	-75 30 20.7	+4.109+1.16	9.5	4
12532	15107	8.2	47 18.89	+3.7754-.0058	-28 15 12.9	+4.109+.537	9.8	4
12533	12605	7.2	47 25.08	+4.4935-.0142	-47 22 22.2	+4.118+.639	9.8	4
12534	13319	7.4	47 29.06	+3.7640-.0058	-27 51 58.3	+4.124+.535	9.5	4
12535	12206	6.6	47 36.28	+4.6303-.0162	-49 59 20.5	+4.134+.659	9.4	4
12536	3603	Var.	47 40.53*	+6.2057-.0470	-67 20 50.9*	+4.140+.884	9.6	10
12537	13101	6.9	47 44.12	+4.0364-.0086	-36 23 50.4	+4.145+.574	9.8	4
12538	14628	7.1	47 50.74	+3.8927-.0071	-32 6 6.0	+4.155+.554	9.8	4
12539	12839	6.9*	47 52.88	+4.4074-.0132	-45 35 50.2	+4.158+.627	9.8	4
12540	12399	7.3	47 54.22	+4.5795-.0156	-49 3 32.1	+4.160+.651	10.0	4
12541	12610	8.9	48 5.41	+4.5126-.0147	-47 46 18.2	+4.175+.642	10.0	4
12542	6282	7.2	48 7.13	+5.5238-.0321	-61 55 59.2	+4.178+.786	10.1	4
12543	13733	9.0	48 10.86	+4.2588-.0113	-42 13 39.9	+4.183+.606	10.0	4
12544	3401	7.6	48 11.16	+6.0705-.0443	-66 26 42.2	+4.184+.864	10.3	4
12545	9026	6.9	48 11.98	+5.0498-.0232	-56 32 10.0	+4.185+.718	10.0	4
12546	12941	8.7	48 15.07	+4.3270-.0122	-43 49 36.9	+4.189+.615	9.5	4
12547	12611	9.3	48 23.35	+4.5102-.0147	-47 43 53.4	+4.201+.641	10.0	4
12548	6002	6.5	48 29.59	+5.6276-.0346	-62 54 58.4	+4.210+.800	10.1	4
12549	5176	5.8	48 37.41	+3.5864-.0043	-21 28 14.7	+4.221+.509	10.2	5
12550	4907	5.0	48 44.19	+3.6231-.0047	-22 51 22.3*	+4.231+.514	10.0	8

12536S.P. $40^s.69$, $50''.7$, 10.6, 6.

12527 $54^s.11$, $54^s.10$, $54^s.24$, $53^s.93$.

12525 ($45^s.24$).

12550 $20''.8$ included.

No.	Name	Mag.	R. A. 1910	Prec. and Sec. Var.	Decl. 1910	Prec. and Sec. Var.	Epoch.	No. Obs.
		M	h m s	s s	° ′ ″	″ ″		
12551	12967	9.2	18 48 48.87	+4.3338−.0125	−43 59 55.9	+4.237+.616	9.8	4
12552	13348	7.8	49 1.90	+3.7380−.0058	−27 0 8.2	+4.256+.531	9.5	4
12553	12953	8.0	49 2.98	+4.3255−.0124	−43 48 55.1	+4.258+.614	9.5	4
12554	12970	6.6	49 17.19	+4.0744−.0094	−37 30 0.6	+4.278+.578	9.5	4
12555	2323	6.9	49 22.00	+7.1026−.0740	−72 3 1.5	+4.285+1.01	9.8	4
12556	2593	6.7	49 22.12	+6.7764−.0642	−70 35 1.4	+4.285+.963	9.7	4
12557	13754	8.5	49 28.82	+4.2579−.0116	−42 14 28.4	+4.294+.604	9.6	4
12558	2360	8.1	49 30.34	+7.0086−.0713	−71 39 8.8	+4.296+.996	9.8	4
12559	12417	6.7*	49 40.54	+4.5795−.0162	−49 6 23.1	+4.311+.650	9.5	4
12560	4915	5.0	49 40.73	+3.6207−.0048	−22 47 4.2	+4.311+.514	10.1	4
12561	13595	2.1	49 41.14	+3.7206−.0057	−26 24 32.9	+4.312+.528	10.0	19,28
12562	12978	8.5	49 43.32	+4.3444−.0129	−44 15 39.0	+4.315+.617	9.7	4
12563	15509	6.9	49 43.59	+3.8057−.0065	−29 19 37.5	+4.315+.540	9.8	4
12564	3967	6.8	49 50.48	+5.7620−.0386	−64 7 1.7	+4.325+.818	10.0	4
12565	13761	5.4	49 52.23	+4.2819−.0121	−42 49 30.3	+4.328+.608	10.0	4
12566	12623	8.0	50 21.53	+4.5056−.0153	−47 41 40.8	+4.369+.639	9.4	4
12567	674	7.4	50 22.16	+14.723−.5051	−83 36 45.6	+4.370+2.09	9.4	4
12568	12624	7.3	50 25.26	+4.4962−.0152	−47 30 25.9	+4.375+.638	9.7	4
12569	15524	7.1	50 25.68	+3.8132−.0067	−29 35 32.4	+4.375+.541	9.9	5
12570	14844	5.9	50 33.78	+3.6338−.0050	−23 17 20.8	+4.387+.515	10.0	4
12571	12982	5.4	50 34.34	+4.0716−.0096	−37 27 31.8	+4.388+.577	9.6	9
12572	7213	5.1	50 36.72	+5.3604−.0305	−60 19 10.9	+4.391+.761	9.8	4
12573	16152	6.6	50 38.10	+3.8811−.0075	−31 48 17.1	+4.393+.550	9.8	4
12574	12990	6.5	50 44.75	+4.3330−.0130	−44 2 0.0	+4.402+.614	10.1	4
12575	12991	7.6	50 46.92	+4.3500−.0132	−44 25 4.7	+4.406+.617	9.8	4
12576	13007	7.1*	50 53.12	+4.1293−.0104	−39 1 51.8	+4.414+.585	9.8	4
12577	3404	6.1	50 55.45	+6.1099−.0479	−66 46 21.4	+4.418+.867	9.6	4
12578	13737	7.2	51 2.71	+3.9334−.0081	−33 26 46.1	+4.428+.557	9.8	4
12579	13738	8.8	51 3.40	+3.9330−.0081	−33 25 57.4*	+4.429+.557	9.8	4
12580	14862	7.6	51 7.29	+3.6328−.0051	−23 15 46.7	+4.434+.515	9.8	4
12581	13773	9.2	51 9.90	+4.2551−.0121	−42 13 15.0	+4.438+.603	9.7	4
12582	9402	5.0	51 15.94	+4.8054−.0204	−53 3 25.9	+4.447+.681	9.8	4
12583	13012	6.4	51 20.10	+4.1636−.0109	−39 56 31.6	+4.453+.590	9.8	4
12584	13780	7.2	51 33.78	+4.2562−.0122	−42 15 30.7	+4.472+.603	10.0	4
12585	3916	4.5	51 44.72	+2.9795−.0005	+ 4 5 8.6*	+4.488+.421	9.8	9,25
12586	3917	5.4	51 46.09	+2.9795−.0005	+ 4 5 2.2	+4.490+.421	9.3	2
12587	12816	6.5	52 4.01	+4.5508−.0166	−48 37 33.6	+4.515+.644	9.5	4
12588	12817	9.2	52 9.11	+4.5232−.0162	−48 5 37.8*	+4.522+.640	9.8	4
12589	7218	6.9	52 10.92	+5.3574−.0314	−60 19 30.6	+4.525+.759	9.7	4
12590	16468	7.3*	52 19.97	+3.8529−.0074	−30 56 38.9	+4.538+.545	9.8	4
12591	5201	3.6	52 21.68	+3.5781−.0047	−21 13 32.4	+4.540+.506	10.1	13
12592	13276	7.2	52 31.57	+3.9615−.0087	−34 20 5.0	+4.554+.560	9.8	4
12593	15212	8.7	52 33.04	+3.7901−.0068	−28 52 20.7	+4.556+.536	9.7	4
12594	16189	6.1	52 34.50	+3.8593−.0076	−31 9 17.9	+4.558+.546	10.2	5
12595	3117	Var.	52 35.77	+1.8234+.0007	+43 49 36.7	+4.560+.257	10.2	10
12596	13001	4.9	52 39.20	+4.0612−.0099	−37 13 31.4	+4.565+.575	9.8	12
12597	4465	6.9	52 40.17	+5.6251−.0376	−62 59 18.1	+4.566+.797	9.5	4
12598	13574	6.6	52 49.48	+3.6791−.0057	−24 59 50.0	+4.580+.520	10.3	4
12599	13192	7.6	52 52.08	+4.0207−.0095	−36 5 9.0	+4.583+.569	10.3	5
12600	8944	7.1	52 54.00	+4.9401−.0236	−55 8 18.9	+4.586+.699	10.2	4

12579 55″.6, 58″.2, 57″.2, 58″.7.

12585 (6″.3).

12588 38″.0, 38″.5, 36″.4, 38″.5.

No.	Name	Mag.	R. A. 1910	Prec. and Sec. Var.	Decl. 1910	Prec. and Sec. Var.	Epoch.	No. Obs.
		M	h m s	s s	° ′ ″	″ ″		
12601	13018	8.5	18 52 56.30	+4.3403−.0137	−44 15 36.9	+4.589+.614	10.3	4
12602	13032	6.4	52 57.87	+4.1508−.0111	−39 39 19.4	+4.592+.587	10.3	4
12603	4928	6.0	52 59.56	+3.6154−.0051	−22 39 2.0	+4.594+.511	10.3	4
12604	12446	8.0	53 5.01	+4.5898−.0176	−49 23 42.0	+4.602+.649	9.7	4
12605	12651	7.8	53 18.21	+4.4654−.0157	−46 58 0.9	+4.620+.632	9.5	4
12606	13020	7.8	53 34.48	+4.3049−.0134	−43 28 12.1	+4.644+.609	9.4	4
12607	12843	7.0	53 50.62	+4.5368−.0170	−48 24 28.4	+4.666+.641	9.5	4
12608	3180	5.9	53 53.01	+6.4375−.0600	−68 52 55.8	+4.670+.911	9.6	5
12609	3763	7.8*	53 54.66	+5.8652−.0444	−65 2 40.9	+4.672+.830	9.7	4
12610	12663	8.0	54 5.27	+4.4741−.0161	−47 10 5.1	+4.687+.632	9.5	4
12611	15248	7.7	54 21.15	+3.7683−.0069	−28 10 27.2	+4.710+.532	9.5	4
12612	15249	8.4	54 23.39	+3.7874−.0071	−28 49 30.9*	+4.713+.535	9.8	4
12613	13815	8.9	54 25.88	+3.9399−.0088	−33 44 3.5	+4.716+.556	9.8	6
12614	4467	7.3	54 38.71	+5.6242−.0391	−63 1 40.4	+4.734+.795	9.5	4
12615	13614	6.4	54 53.47	+3.6798−.0060	−25 4 5.0	+4.755+.519	10.0	4
12616	13017	6.6	54 58.36	+4.0574−.0104	−37 11 8.8	+4.762+.572	9.5	4
12617	13018	6.8	54 59.44	+4.0574−.0104	−37 11 11.6	+4.764+.573	9.5	4
12618	13835	8.6	54 59.92	+4.2809−.0135	−42 57 1.2	+4.764+.604	9.6	4
12619	12926	7.8	55 2.31	+4.3819−.0150	−45 14 58.2	+4.768+.618	10.0	5
12620	13827	7.3	55 6.72	+3.9270−.0088	−33 21 26.0	+4.774+.554	9.6	4
12621	13051	8.8	55 8.98*	+4.3362−.0143	−44 14 5.4*	+4.777+.612	9.8	4
12622	1739	7.4	55 11.76	+7.8788−.1121	−74 53 19.7	+4.781+1.11	9.9	4
12623	13040	8.4	55 15.89	+4.3063−.0139	−43 33 6.9	+4.787+.608	10.2	4
12624	15269	8.5	55 25.40	+3.7870−.0072	−28 50 16.0	+4.801+.534	9.8	4
12625	3736	4.2	55 32.26	+2.7262+.0005	+14 56 43.7	+4.810+.384	9.7	9,19
12626	4469	7.3	55 32.52*	+5.7223−.0422	−63 54 48.8*	+4.811+.808	10.0	4
12627	3286	3.3	55 34.58	+2.2440+.0013	+32 33 56.0	+4.814+.316	10.0	11
12628	13023	6.9	55 34.65	+4.0507−.0104	−37 1 0.9	+4.814+.571	10.5	4
12629	9295	7.1	55 36.16	+5.0794−.0276	−57 7 16.1	+4.816+.717	10.3	4
12630	7558	7.0	55 39.04	+5.1526−.0292	−58 3 5.6	+4.820+.727	10.2	4
12631	12994	7.1	55 44.94	+4.1917−.0124	−40 47 24.4	+4.828+.591	9.8	4
12632	13839	6.4	55 46.98	+4.2419−.0131	−42 2 15.7	+4.831+.598	9.6	4
12633	13057	8.4	55 52.47	+4.3367−.0145	−44 16 8.3	+4.839+.612	9.5	4
12634	14953	7.7	55 57.13	+3.6325−.0057	−23 21 18.5	+4.846+.512	9.5	4
12635	11887	8.3	56 5.20	+4.7262−.0210	−51 54 2.7	+4.857+.666	9.5	4
12636	4946	6.3	56 12.25	+3.6181−.0056	−22 49 22.7	+4.867+.510	9.6	4
12637	7564	6.5	56 18.13	+5.1543−.0296	−58 5 24.3	+4.875+.727	10.0	4
12638	12692	6.9	56 28.50	+4.4710−.0168	−47 10 39.4	+4.890+.630	10.0	4
12639	12940	8.3	56 29.18	+4.4071−.0158	−45 50 26.1	+4.891+.621	10.1	4
12640	12292	7.4	56 30.26	+4.6416−.0197	−50 26 44.6	+4.892+.654	10.3	4
12641	15288	8.8	56 33.59	+3.7843−.0074	−28 46 36.1	+4.897+.533	9.6	4
12642	13335	7.2	56 35.42	+3.9719−.0096	−34 45 38.8	+4.900+.559	9.9	4
12643	13248	7.4	56 41.00	+4.0217−.0103	−36 13 31.7	+4.908+.566	10.0	4
12644	13855	4.8	56 44.52	+4.2483−.0134	−42 13 24.9	+4.912+.598	9.7	4
12645	12866	8.7	56 51.08	+4.5545−.0183	−48 50 28.6	+4.922+.642	9.7	4
12646	15292	8.4	56 51.91*	+3.7839−.0074	−28 46 16.4*	+4.923+.533	9.6	4
12647	16575	2.7	56 53.21	+3.8207−.0078	−30 0 34.2	+4.925+.538	10.2	18,28
12648	11893	6.0	56 56.68	+4.6805−.0206	−51 8 44.1	+4.930+.659	9.5	4
12649	13655	5.7	56 57.21	+3.6758−.0062	−24 58 18.0	+4.930+.517	10.1	4
12650	13300	5.7	57 9.17	+4.0984−.0114	−38 23 1.2	+4.947+.577	9.6	4

12612 31″.7, 29″.5, 31″.3, 31″.1.

12621 Mean.

12626 Mean.

12646 Mean.

No.	Name	Mag.	R. A. 1910	Prec. and Sec. Var.	Decl. 1910	Prec. and Sec. Var.	Epoch.	No. Obs.
		M	h m s	s s	° ′ ″	″ ″		
12651	12776	7.7	18 57 12.23	+4.4457-.0166	-46 40 46.0	+4.952+.626	9.6	4
12652	4472	7.5	57 25.48	+5.7126-.0434	-63 52 38.8	+4.970+.805	9.5	4
12653	13018	8.3	57 33.25	+4.1735-.0126	-40 22 55.7	+4.981+.587	9.5	4
12654	13306	8.8	57 50.62	+4.0908-.0115	-38 11 53.2	+5.006+.575	9.7	4
12655	12876	6.5	57 52.00	+4.5370-.0184	-48 32 7.9	+5.008+.638	9.7	5
12656	12878	9.2	58 6.86	+4.5494-.0187	-48 47 3.3	+5.029+.640	9.6	4
12657	1308	7.0	58 9.99	+8.4776-.1451	-76 32 26.0	+5.033+1.19	9.5	4
12658	13095	8.5	58 36.89	+4.3210-.0151	-43 59 54.1	+5.071+.607	9.5	5
12659	16306	5.5	58 38.38	+3.8549-.0086	-31 10 46.4	+5.073+.542	9.9	14
12660	15008	6.7	58 48.41	+3.6220-.0059	-23 1 45.7	+5.087+.509	9.4	4
12661	13316	7.2	58 52.50	+4.0858-.0116	-38 5 41.4	+5.093+.574	9.4	4
12662	5233	6.9	58 57.32	+3.5859-.0056	-21 39 49.7	+5.100+.503	9.4	4
12663	6033	8.2	59 3.79	+5.5323-.0401	-62 17 3.0	+5.109+.778	9.5	4
12664	11356	5.2	59 12.62	+4.7547-.0229	-52 28 24.5	+5.122+.668	9.6	4
12665	13693	6.9	59 14.40	+3.6850-.0067	-25 21 52.8	+5.124+.517	9.6	4
12666	5237	3.9	59 17.44	+3.5912-.0057	-21 52 26.5	+5.128+.504	10.0	8
12667	13695	8.4*	59 18.42	+3.6736-.0066	-24 56 58.9	+5.130+.516	9.4	4
12668	1217	6.9	59 32.90	+9.1526-.1830	-78 0 26.9	+5.150+1.29	9.8	4
12669	11917	7.3	59 36.10	+4.6992-.0220	-51 33 14.0	+5.155+.660	9.7	4
12670	2366	6.8	59 44.11	+6.9744-.0854	-71 41 20.1	+5.166+.980	10.0	4
12671	13903	7.5	59 44.78	+3.9408-.0099	-33 55 9.5	+5.167+.553	9.8	4
12672	13107	9.6	59 47.04	+4.3204-.0154	-44 1 18.7	+5.170+.606	10.5	4
12673	12804	8.5	59 49.52	+4.4136-.0169	-46 5 15.3	+5.174+.620	10.3	4
12674	12326	6.5	59 58.33	+4.6363-.0209	-50 27 33.9	+5.186+.651	10.0	4
12675	13326	8.6	59 59.87	+4.0908-.0120	-38 16 5.7	+5.188+.574	10.4	1
12676	12498	8.4	19 0 2.11	+4.5647-.0196	-49 8 17.9	+5.191+.641	9.8	4
12677	15692	6.9	0 5.67	+3.7944-.0081	-29 13 1.0	+5.196+.532	9.8	4
12678	3770	7.6	0 5.75	+5.9273-.0515	-65 40 15.9	+5.196+.832	10.0	4
12679	15002	7.3	0 7.36	+3.6692-.0066	-24 48 38.9	+5.199+.514	10.3	4
12680	12901	6.1	0 8.66	+4.5280-.0190	-48 26 9.6	+5.200+.635	9.8	4
12681	13110	7.0	0 19.79	+4.2737-.0148	-42 57 2.1	+5.216+.599	9.7	4
12682	13048	4.3	0 20.18	+4.0517-.0115	-37 11 35.5	+5.217+.568	9.8	4
12683	3185	5.3	0 20.64*	+6.3590-.0649	-68 33 49.6*	+5.217+.893	9.6	9
12684	12809	7.4	0 21.59	+4.4137-.0171	-46 6 28.1	+5.219+.619	10.2	4
12685	13330	8.2	0 24.10	+4.0902-.0120	-38 15 47.4	+5.222+.574	10.0	4
12686	13323	7.5	0 25.72	+4.2211-.0140	-41 40 36.5	+5.224+.592	10.2	4
12687	13119	9.3	0 31.20	+4.3318-.0158	-44 18 32.9	+5.232+.608	10.0	4
12688	13121	7.9	0 38.92	+4.3341-.0159	-44 21 49.9	+5.243+.608	10.0	4
12689	12735	7.4	0 39.08	+4.4886-.0185	-47 40 15.7	+5.243+.629	10.4	4
12690	12504	9.2	0 39.23	+4.5650-.0199	-49 9 57.2	+5.244+.640	9.8	4
12691	13551	7.3*	0 42.69	+3.7418-.0075	-27 25 26.8	+5.248+.524	10.5	4
12692	13552	10.5	0 46.88	+3.7487-.0076	-27 40 5.2	+5.254+.525	9.6	1
12693	13049	6.3	0 47.30	+4.0779-.0120	-37 56 21.3	+5.255+.572	10.0	4
12694	13123	9.0	1 14.94	+4.2769-.0151	-43 3 22.3	+5.294+.599	9.9	4
12695	3899	3.0	1 16.42	+2.7576+.0002	+13 43 44.5	+5.296+.386	9.8	31,41
12696	13564	3.4	1 19.32	+3.7521-.0078	-27 48 9.6	+5.300+.525	10.2	10,13
12697	1347	7.5	1 21.68	+8.7426-.1669	-77 11 40.0	+5.303+1.23	10.0	4
12698	9001	6.5	1 25.26	+4.9729-.0284	-55 51 28.7	+5.308+.697	9.8	4
12699	4876	3.6	1 28.38	+3.1857-.0022	- 5 1 5.8*	+5.313+.446	10.1	23,32
12700	4977	6.8*	1 33.58	+3.6098-.0062	-22 38 10.6	+5.320+.505	10.2	4

12683 S.P. $20^s.77$, $51''.3$, 10.3, 7. 12699 $7''.6$ included.

No.	Name	Mag.	R. A. 1910	Prec. and Sec. Var.	Decl. 1910	Prec. and Sec. Var.	Epoch.	No. Obs.
		M	h m s	s s	° ′ ″	″ ″		
12701	7451	9.6	19 1 35.82	+5.2235−.0342	−59 4 42.1	+5.323+.732	9.9	4
12702	15403	6.2	1 50.91	+3.7799−.0082	−28 46 34.5	+5.344+.529	10.0	4
12703	6340	8.7	1 59.59	+5.4803−.0408	−61 51 33.9	+5.356+.768	9.5	4
12704	13061	4.7	2 5.11	+4.1776−.0138	−40 38 12.3	+5.364+.585	9.5	8
12705	13750	7.5	2 22.06	+3.6960−.0072	−25 50 33.0	+5.388+.517	9.5	4
12706	13922	7.7	2 27.95	+4.2547−.0151	−42 34 0.2	+5.396+.595	10.0	4
12707	3413	7.2	2 29.79	+5.9661−.0549	−66 1 16.6	+5.399+.835	10.0	4
12708	13590	7.0	2 32.88	+3.7276−.0076	−26 58 32.4	+5.403+.521	9.8	4
12709	7269	7.5	2 40.91	+5.3183−.0371	−60 11 21.0	+5.414+.744	9.9	4
12710	13146	8.5	2 43.12	+4.3133−.0161	−43 57 33.0	+5.418+.603	10.0	4
12711	15041	6.2	2 44.72	+3.6670−.0070	−24 47 54.3	+5.420+.512	10.0	4
12712	13953[1]	9.0	2 49.59	+3.9381−.0104	−33 56 4.5	+5.427+.550	9.8	4
12713	13953[2]	8.5	2 50.56	+3.9381−.0104	−33 56 2.0	+5.428+.550	9.8	4
12714	13150	8.2	2 55.12	+4.3304−.0165	−44 21 27.9	+5.434+.605	9.7	4
12715	13770	6.8	3 16.11	+3.6782−.0072	−25 13 18.2	+5.464+.514	9.5	4
12716	15088	6.5	3 18.21	+3.6271−.0066	−23 19 56.9	+5.467+.506	9.8	4
12717	12530	8.4	3 20.53	+4.5756−.0210	−49 27 26.9	+5.470+.639	9.8	4
12718	13350	4.1	3 21.09	+4.0786−.0125	−38 2 42.8	+5.471+.570	9.7	10
12719	16697	7.9	3 22.79	+3.8380−.0092	−30 46 7.9	+5.473+.536	10.0	4
12720	599	7.9	3 23.19*	+17.426−.9492	−84 52 54.0*	+5.474+2.44	9.4	4
12721	13074	6.4	3 26.72	+4.1501−.0137	−39 58 13.2	+5.479+.580	10.0	4
12722	13355	6.6	3 35.28	+4.0169−.0117	−36 18 29.4	+5.491+.561	9.8	4
12723	13933	5.9	3 37.44	+4.2312−.0150	−42 2 9.8	+5.494+.591	10.0	4
12724	3617	9.0	3 42.90	+6.1341−.0613	−67 13 47.0	+5.502+.858	10.2	4
12725	15437	9.2	3 47.88	+3.7758−.0084	−28 41 27.9*	+5.508+.527	10.0	4
12726	13146	4.2	3 50.39	+4.1311−.0134	−39 29 3.3	+5.512+.577	9.6	9
12727	9109	7.2	3 52.20	+5.0102−.0304	−56 27 9.3	+5.514+.700	9.8	4
12728	13943	9.2	3 59.89	+4.2652−.0157	−42 52 24.4	+5.525+.595	10.0	4
12729	3485	5.1	4 5.44	+2.1407+.0012	+35 57 30.2	+5.533+.298	10.0	8
12730	13620	6.8	4 8.09	+3.7343−.0080	−27 15 29.6	+5.537+.521	10.0	4
12731	1319	6.8	4 10.03	+8.2051−.1469	−75 57 3.8	+5.539+1.15	10.5	4
12732	5273	8.0	4 18.89	+3.5811−.0062	−21 36 17.1	+5.552+.499	10.3	4
12733	5275	3.0	4 24.76*	+3.5697−.0061	−21 10 2.6	+5.560+.498	9.9	13,23
12734	3618	9.8	4 31.25	+6.1462−.0625	−67 19 51.1	+5.569+.858	9.9	4
12735	13155	7.7	4 37.92	+4.1140−.0134	−39 3 16.7	+5.578+.574	9.5	4
12736	16718	6.6	4 43.82	+3.8180−.0091	−30 9 4.4	+5.587+.532	9.9	6
12737	13156	6.2	4 51.85	+4.1173−.0135	−39 9 3.4	+5.598+.574	9.5	4
12738	3621	7.4	4 56.98	+6.1860−.0643	−67 36 10.4	+5.605+.864	9.7	4
12739	4489	6.7	5 12.04	+5.5976−.0463	−63 4 13.0	+5.626+.781	9.7	6
12740	11382	8.6	5 13.86	+4.7118−.0245	−51 57 34.3	+5.629+.657	9.5	4
12741	11383	7.0	5 21.08	+4.7112−.0245	−51 57 12.1	+5.639+.657	9.5	5
12742	15472	8.6	5 32.58	+3.7739−.0087	−28 40 52.8	+5.655+.526	9.8	6
12743	15804	6.2	5 36.82	+3.8023−.0090	−29 38 57.4	+5.661+.529	9.9	6
12744	12377	6.2	5 49.45	+4.6348−.0231	−50 38 4.8	+5.679+.646	9.5	4
12745	13998	8.3*	5 53.72	+3.9211−.0107	−33 30 34.4	+5.685+.546	9.5	4
12746	13090	6.5	6 4.46	+4.0639−.0129	−37 43 54.7	+5.700+.566	9.4	4
12747	13091	7.4	6 29.47	+4.0613−.0130	−37 40 24.2	+5.734+.565	9.8	6
12748	15497	8.6	6 43.50	+3.7616−.0087	−28 17 29.0	+5.754+.523	9.5	4
12749	2962	6.5	6 49.52	+6.4678−.0762	−69 20 39.0	+5.762+.901	9.7	5
12750	13476	7.9	6 49.71	+3.9359−.0111	−34 0 2.4	+5.763+.547	9.5	4

12720 S.P. $23^s.44$, $54''.4$, 11.1, 3.

11725 $27''.5$, $28''.6$, $29''.0$, $26''.4$.

12733 ($24^s.94$).

No.	Name	Mag.	R. A. 1910	Prec. and Sec. Var.	Decl. 1910	Prec. and Sec. Var.	Epoch.	No. Obs.
		M	h m s	s s	° ′ ″	″ ″		
12751	13477	7.3	19 6 50.28	+3.9358−.0111	−33 59 46.7	+5.764+.547	9.5	4
12752	13201	8.3	6 58.73	+4.2716−.0166	−43 8 10.9	+5.775+.594	9.5	4
12753	13375	6.8	6 59.14	+4.1026−.0139	−38 49 52.5	+5.776+.570	9.7	4
12754	5292	6.4	7 5.41	+3.5845−.0066	−21 48 29.3	+5.785+.498	10.1	4
12755	7594	7.3	7 6.34	+5.1325−.0351	−58 9 13.4	+5.786+.714	9.8	4
12756	13204	8.8	7 13.68	+4.2820−.0168	−43 23 30.7	+5.796+.595	9.8	4
12757	13682	8.8	7 23.59	+3.7285−.0084	−27 9 1.7	+5.810+.518	9.5	4
12758	13936	5.9	7 41.14	+3.6977−.0080	−26 3 29.9	+5.835+.513	10.1	4
12759	13202	9.2	7 46.11	+4.3299−.0178	−44 31 32.6	+5.841+.601	9.5	4
12760	4887	5.4	7 47.83	+3.2542−.0032	− 8 5 26.3	+5.844+.451	9.9	9,24
12761	12560	9.7	7 50.69	+4.5794−.0227	−49 41 29.0	+5.848+.636	9.9	4
12762	9501	7.8	8 1.91	+4.8010−.0276	−53 31 19.3	+5.864+.667	9.9	4
12763	13054	6.0	8 6.92	+4.3659−.0186	−45 20 46.1	+5.870+.606	9.8	4
12764	12393	9.5	8 8.51	+4.6031−.0234	−50 8 37.9*	+5.873+.639	10.0	4
12765	3417	5.6	8 9.52*	+6.0562−.0632	−66 49 2.3*	+5.874+.842	9.7	11
12766	12562	6.8	8 12.07	+4.5484−.0222	−49 7 0.1	+5.878+.632	9.9	4
12767	5014	7.9	8 14.42	+3.6074−.0069	−22 43 7.4	+5.881+.500	10.2	4
12768	3783	6.7	8 15.43	+5.8608−.0568	−65 23 0.0	+5.882+.814	9.6	4
12769	13699	7.0	8 21.50	+3.7242−.0084	−27 1 37.6	+5.891+.516	10.1	4
12770	3676	9.3	8 44.62	+3.0890−.0019	− 0 44 13.7	+5.923+.428	10.7	1
12771	15870	8.2	8 45.30	+3.7927−.0094	−29 25 40.7	+5.924+.526	9.4	1
12772	5021	6.9	8 45.54	+3.5939−.0069	−22 12 51.0	+5.924+.498	9.7	4
12773	16800	7.0*	8 53.80	+3.8091−.0097	−29 59 8.1	+5.936+.528	10.1	5
12774	6059	7.3	8 58.52	+5.4699−.0454	−61 58 11.0	+5.942+.759	9.7	4
12775	15872	7.1	8 58.89	+3.7916−.0094	−29 23 48.5	+5.943+.525	9.5	4
12776	1769	7.9*	9 8.40	+7.7757−.1366	−74 49 12.7	+5.956+1.08	9.6	4
12777	11405	6.9	9 30.91	+4.7403−.0269	−52 35 39.0	+5.988+.657	9.4	4
12778	13116	6.8	9 32.49	+4.0372−.0132	−37 6 17.3	+5.990+.559	9.4	4
12779	13072	5.3	9 48.66	+4.3754−.0193	−45 37 24.8	+6.012+.606	9.8	4
12780	12407	7.8	9 52.62	+4.5995−.0239	−50 8 37.1	+6.018+.637	9.6	4
12781	14068	7.4	9 54.06	+3.9222−.0115	−33 41 12.7	+6.020+.543	9.9	5
12782	13866	4.9	10 1.39	+3.6780−.0081	−25 24 44.8	+6.030+.509	10.0	14,25
12783	15161	6.2	10 4.30	+3.6488−.0077	−24 20 0.1	+6.034+.505	9.7	4
12784	13420	8.7	10 6.62	+4.2084−.0163	−41 42 46.9	+6.037+.582	9.8	4
12785	13421	8.9	10 8.73	+4.2102−.0164	−41 45 31.6	+6.040+.583	9.8	4
12786	12014	7.9	10 25.36	+4.6828−.0260	−51 39 19.1	+6.063+.648	9.5	4
12787	2608	8.4	10 26.33	+6.5795−.0850	−70 2 18.3	+6.064+.912	9.5	4
12788	16828	7.3*	10 29.38	+3.8263−.0102	−30 37 1.5	+6.069+.529	10.0	4
12789	13532	7.8	10 34.52	+3.9305−.0118	−33 58 3.1	+6.076+.544	10.1	4
12790	13875	7.4	10 39.65	+3.6888−.0083	−25 49 26.0	+6.083+.510	10.0	4
12791	14076	Var.	10 40.21	+3.9211−.0116	−33 40 49.9	+6.084+.542	10.1	4
12792	3490	4.5	10 41.68	+2.0418+.0010	+38 59 26.1	+6.086+.281	10.1	9
12793	12584	8.8	10 42.70	+4.5697−.0236	−49 37 13.1	+6.087+.632	10.0	4
12794	13086	7.4	10 50.34	+4.3717−.0196	−45 34 52.0	+6.098+.604	10.1	4
12795	2613	8.7	10 50.37	+6.5763−.0854	−70 1 54.9	+6.098+.911	9.5	4
12796	15017	7.1	10 53.01	+3.8693−.0109	−32 2 35.8	+6.102+.535	9.9	5
12797	9513	6.4	10 59.06	+4.7955−.0288	−53 32 42.8	+6.110+.663	9.8	4
12798	9141	7.0	11 14.97	+4.9807−.0334	−56 18 19.2	+6.132+.689	9.7	5
12799	12828	7.6	11 19.62	+4.4480−.0212	−47 14 4.6	+6.138+.615	9.5	4
12800	13237	9.2	11 24.99	+4.3344−.0190	−44 46 16.1	+6.146+.599	9.4	1

12765 S.P. 9.58, 3.8, 10.3, 15.

12764 38.2, 36.4, 38.7, 38.3.

No.	Name	Mag.	R. A. 1910	Prec. and Sec. Var.	Decl. 1910	Prec. and Sec. Var.	Epoch.	No. Obs.
		M	h m s	s s	° ′ ″	″ ″		
12801	15228	9.1	19 11 25.40	+3.6224−.0075	−23 22 47.4	+6.147+.500	9.4	4
12802	13240	9.5*	11 46.03	+4.3342−.0191	−44 46 46.0	+6.175+.598	9.9	4
12803	5040	8.5	11 47.64	+3.5840−.0071	−21 54 50.2	+6.177+.494	9.4	4
12804	5326	7.4	11 54.17	+3.5664−.0069	−21 13 55.1	+6.186+.492	10.0	4
12805	13288	8.7	12 17.90	+4.3179−.0190	−44 25 40.7	+6.219+.596	9.5	4
12806	5379	5.0	12 22.20	+3.5128−.0063	−19 6 49.8	+6.225+.484	10.0	26,47
12807	14106	7.5	12 30.25	+3.9073−.0118	−33 18 51.4	+6.236+.539	9.8	4
12808	12029	6.8*	12 36.80	+4.6825−.0268	−51 44 5.7	+6.246+.646	9.8	4
12809	14114	7.0	13 7.62	+3.9105−.0119	−33 26 18.2	+6.288+.539	9.7	4
12810	13450	8.5	13 7.79	+4.1823−.0166	−41 10 20.7	−6.288+.576	10.0	4
12811	3398	4.5	13 14.64	+2.0822+.0010	+37 58 22.8	+6.298+.286	9.8	6
12812	13135	6.9	13 20.43	+4.0304−.0139	−37 3 27.5	+6.306+.555	9.8	4
12813	13484	7.2	13 29.20	+4.0220−.0138	−36 49 13.2	+6.318+.554	9.9	5
12814	13259	10.2	13 35.35	+4.3264−.0195	−44 40 38.7	+6.327+.596	10.1	4
12815	3790	5.1	13 35.53	+2.8161−.0003	+11 25 56.7	+6.327+.387	10.0	21,41
12816	3425	9.0	13 38.01	+5.9659−.0653	−66 20 5.8	+6.330+.823	9.5	2
12817	13393	5.6	13 42.26	+3.9798−.0132	−35 35 8.6	+6.336+.548	9.9	6
12818	3427	9.0	13 55.74	+5.9614−.0654	−66 18 39.0	+6.355+.822	9.8	4
12819	11419	7.7	13 58.45	+4.7477−.0289	−52 53 26.8	+6.359+.654	9.5	4
12820	14129	8.0	14 19.87	+3.9150−.0122	−33 37 39.5	+6.388+.538	9.8	6
12821	13143	6.7	14 28.48	+4.3631−.0205	−45 32 23.6	+6.400+.600	9.4	4
12822	3790	7.4	14 36.02	+5.8832−.0632	−65 44 52.4	+6.410+.810	9.7	4
12823	15071	6.6	14 38.98	+3.8632−.0114	−31 59 3.0	+6.414+.531	9.5	4
12824	13264	9.5*	14 39.05	+4.3320−.0199	−44 50 54.7	+6.415+.596	9.9	4
12825	13422	7.2	14 39.24	+4.0946−.0154	−38 54 45.6	+6.415+.563	9.6	4
12826	3218	6.5	14 42.61*	+6.2933−.0788	−68 32 28.2*	+6.420+.866	9.6	8
12827	3219	8.0	14 50.84	+6.2742−.0782	−68 25 44.3	+6.431+.864	9.8	4
12828	15685	8.8	14 59.72	+3.7501−.0098	−28 9 58.6	+6.443+.515	9.6	4
12829	15236	7.0	15 13.23	+3.6457−.0083	−24 22 26.8	+6.462+.500	9.5	4
12830	5063	5.6	15 14.64	+3.5983−.0077	−22 34 13.7	+6.464+.494	10.0	4
12831	13422	6.4	15 32.24	+3.9628−.0132	−35 8 58.9	+6.489+.544	10.0	5
12832	9339	5.2	15 35.61	+4.8511−.0322	−54 35 29.6	+6.493+.666	9.7	4
12833	4515	8.5	15 37.33	+5.5686−.0533	−63 8 13.0	+6.495+.765	10.0	4
12834	12054	6.5	15 38.98	+4.6563−.0274	−51 24 2.7	+6.497+.639	10.0	4
12835	9341	7.3*	15 42.73	+4.8583−.0324	−54 42 21.3	+6.502+.667	9.5	4
12836	4936	5.1	15 44.64	+3.1961−.0032	− 5 35 4.4	+6.505+.438	9.6	4
12837	14133	6.5	15 50.98	+4.2179−.0180	−42 11 4.3	+6.514+.579	9.8	4
12838	4516	6.7	15 54.47	+5.5711−.0536	−63 10 13.4	+6.519+.765	10.0	4
12839	16026	7.0	15 57.32	+3.7955−.0106	−29 46 27.0	+6.523+.520	10.1	4
12840	2393	8.6	16 4.85	+6.8793−.1057	−71 38 21.3	+6.533+.945	9.7	5
12841	13277	4.2	16 10.22	+4.3195−.0201	−44 37 43.5	+6.540+.593	9.7	10
12842	12451	8.5	16 11.26	+4.6002−.0263	−50 24 48.9	+6.542+.631	9.8	4
12843	14096	7.4	16 11.77	+3.6978−.0092	−26 20 5.5	+6.543+.507	10.0	4
12844	13278	8.2	16 12.80	+4.3194−.0201	−44 37 36.6	+6.544+.592	9.6	4
12845	9160	7.5	16 14.33	+4.9526−.0352	−56 6 18.7	+6.546+.680	10.0	4
12846	16041	7.1	16 22.03	+3.7926−.0106	−29 41 34.2	+6.557+.520	10.0	
12847	9344	6.7	16 24.34	+4.8182−.0318	−54 7 3.0	+6.560+.661	10.1	4
12848	5322	4.0	16 27.23	+3.4832−.0064	−18 1 2.7	+6.564+.477	9.6	4
12849	47	5.5	16 29.06*	+98.060−46.27	−89 14 18.3*	+6.566+13.5	10.0	40,50
12850	2395	8.7	16 29.75	+6.8772−.1062	−71 38 26.2	+6.567+.944	10.0	4,5

12826 S.P. 42ˢ.71, 29″.0, 10.3, 5.

12849 S.P. 28ˢ.50, 18″.1, 9.9, 28, 35.

12849 20″.4, 20″.0 included.

No.	Name	Mag.	R. A. 1910	Prec. and Sec. Var.	Decl. 1910	Prec. and Sec. Var.	Epoch.	No. Obs.
		M	h m s	s s	° ′ ″	″ ″		
12851	5283	4.6	19 16 34.41	+3.4375−.0058	−16 7 28.1	+6.574+.471	9.5	4
12852	13171	4.5	16 43.13	+4.3334−.0206	−44 58 10.8	+6.586+.594	9.5	8
12853	1500	7.8	16 44.01	+7.9010−.1597	−75 21 1.4	+6.587+1.09	10.1	4
12854	9164	7.8	17 2.40	+4.9472−.0355	−56 3 39.8	+6.612+.678	9.8	4
12855	770	6.7	17 22.04	+11.974−.4803	−81 56 14.7	+6.639+1.64	9.4	4
12856	2016	7.5	17 22.27	+7.2665−.1267	−73 15 57.4	+6.640+.997	10.0	4
12857	6081	7.8	17 31.58	+5.4796−.0518	−62 21 27.7	+6.652+.751	9.8	4
12858	13245	4.1	17 39.17	+4.1600−.0173	−40 47 9.6	+6.663+.569	10.0	14,13
12859	9073	7.7	17 39.94	+4.8914−.0343	−55 16 50.2	+6.664+.670	10.2	4
12860	9172	8.0	17 43.66	+4.9662−.0364	−56 21 19.4	+6.669+.680	9.8	4
12861	13453	7.0*	17 54.22	+3.9593−.0136	−35 8 24.4	+6.684+.541	9.9	8
12862	15746	8.8	17 54.63	+3.7410−.0101	−27 56 55.2	+6.684+.511	9.8	4
12863	13352	6.1	17 56.35	+4.2847−.0199	−43 53 45.2	+6.686+.586	10.1	4
12864	4520	8.0	18 1.79	+5.5887−.0558	−63 24 21.6	+6.694+.765	10.4	4
12865	13353	8.9	18 4.00	+4.2557−.0193	−43 12 27.2	+6.697+.582	9.7	4
12866	12076	9.3	18 8.43	+4.6618−.0286	−51 36 17.3	+6.703+.638	10.1	4
12867	14186	7.7	18 9.83	+3.9130−.0129	−33 42 56.2	+6.705+.535	10.1	4
12868	2018	9.1	18 10.86*	+7.1785−.1236	−72 56 53.3	+6.706+.984	10.6	4
12869	12077	7.0	18 13.14	+4.6430−.0281	−51 16 29.8	+6.710+.635	9.8	4
12870	3433	9.6	18 20.12	+5.9233−.0682	−66 10 14.9	+6.719+.811	10.3	4
12871	3002	6.8	18 26.44	+6.4963−.0917	−69 48 42.6	+6.728+.889	10.0	4
12872	13303	6.9	18 29.79	+4.3039−.0204	−44 22 10.2	+6.732+.588	9.5	4
12873	12472	10.1	18 33.68	+4.6096−.0274	−50 41 16.8	+6.738+.630	10.1	4
12874	3434	8.9	18 33.83	+5.9397−.0690	−66 17 57.7	+6.738+.813	10.4	4
12875	16655	7.8	18 50.01	+3.8277−.0116	−30 58 28.1	+6.760+.522	9.8	4
12876	15767	5.9	18 53.61	+3.7426−.0103	−28 2 25.5	+6.765+.511	10.1	4
12877	9079	7.4	18 58.14	+4.9062−.0353	−55 33 4.8	+6.771+.670	10.0	4
12878	12478	6.6	19 7.89	+4.5721−.0267	−50 1 2.0	+6.785+.624	9.5	4
12879	16104	6.1	19 24.04	+3.7832−.0110	−29 29 1.9	+6.807+.516	9.6	4
12880	15303	5.0	19 47.96	+3.6499−.0090	−24 41 2.4	+6.840+.497	10.1	8
12881	7294	8.2*	19 48.04	+5.2559−.0461	−60 5 11.9	+6.840+.717	9.7	4
12882	1798	7.7	19 51.53	+7.5018−.1438	−74 10 1.9	+6.844+1.03	9.8	4
12883	15306	7.3*	19 54.37	+3.6473−.0090	−24 35 20.1	+6.848+.497	9.8	4
12884	1799	10.2	19 55.32	+7.4437−.1407	−73 58 9.4	+6.850+1.02	9.9	4
12885	1800	8.5	20 2.22	+7.4463−.1411	−73 58 51.0	+6.859+1.02	9.6	4
12886	15307	5.6	20 2.93	+3.6353−.0088	−24 8 21.7	+6.860+.495	10.0	4
12887	13007	6.5	20 5.77	+4.4076−.0232	−46 45 25.5	+6.864+.601	9.8	4
12888	13939	9.2	20 9.96*	+3.7324−.0103	−27 43 40.6	+6.870+.508	9.8	3,4
12889	5100	7.1	20 19.83	+3.5957−.0083	−22 37 40.3	+6.883+.489	9.8	4
12890	9371	5.6	20 34.68	+4.8318−.0340	−54 30 19.6	+6.904+.658	9.7	9
12891	3646	7.8	20 39.58	+6.0996−.0774	−67 29 23.9	+6.910+.832	10.0	4
12892	3833	5.2	20 40.73	+2.8116−.0005	+11 45 4.1	+6.912+.382	10.1	6,9
12893	5105	5.6	20 57.12	+3.5780−.0081	−21 57 19.7	+6.934+.486	10.2	5
12894	3879	3.4	20 57.66	+3.0082−.0018	+ 2 56 4.6	+6.935+.408	10.1	21,29
12895	5388	7.3*	21 7.14	+3.5644−.0079	−21 25 29.0	+6.948+.484	10.0	4
12896	16140	5.7	21 15.32	+3.7938−.0114	−29 55 18.4	+6.959+.516	10.0	8
12897	9187	7.9	21 18.59	+4.9500−.0377	−56 16 42.2	+6.964+.674	10.0	4
12898	13288	7.2	21 31.63	+4.1340−.0177	−40 16 30.8	+6.982+.562	10.0	4
12899	13097	7.8	21 44.41	+4.4664−.0251	−48 3 48.8	+6.999+.607	9.7	4
12900	3251	6.0	21 49.85*	+6.2706−.0859	−68 37 5.8*	+7.006+.854	9.6	9

12900S.P. $49^s.95$, $6''.4$, 10.3, 7.

12868 $11^s.00$, $10^s.46$, $10^s.99$, $10^s.99$.

12888 ($10^s.20$).

No.	Name	Mag.	R. A. 1910	Prec. and Sec. Var.	Decl. 1910	Prec. and Sec. Var.	Epoch.	No. Obs.
		M	h m s	s s	° ′ ″	″ ″		
12901	2027	7.5	19 21 52.51	+7.3493-.1392	-73 40 58.1	+7.010+1.00	9.8	4
12902	13347	7.8	21 57.66	+4.2841-.0210	-44 3 52.5	+7.017+.582	9.8	4
12903	13506	8.6	22 24.85	+3.9586-.0144	-35 18 43.2	+7.054+.537	9.5	4
12904	9096	6.2	22 32.70	+4.9007-.0369	-55 37 26.9	+7.065+.666	9.6	4
12905	13510	9.8	22 36.42	+3.9584-.0146	-35 18 56.1	+7.070+.537	9.5	4
12906	13552	7.1	22 48.59	+3.9869-.0152	-36 11 0.8	+7.086+.541	9.8	6
12907	7484	8.1	22 55.21	+5.1865-.0458	-59 24 23.0	+7.096+.704	9.5	4
12908	13395	5.8	23 0.14	+4.2637-.0209	-43 37 35.5	+7.102+.578	9.5	4
12909	12118	8.9	23 11.35	+4.6126-.0293	-50 57 5.1	+7.118+.626	9.5	4
12910	13108	7.9	23 11.35	+4.4917-.0262	-48 38 34.5	+7.118+.609	9.6	1
12911	9100	6.9	23 16.69	+4.8762-.0365	-55 17 43.1	+7.125+.662	9.5	4
12912	12120	9.8	23 19.34	+4.6243-.0296	-51 10 6.1	+7.128+.627	9.6	1
12913	12121	9.2	23 27.99	+4.6432-.0302	-51 30 53.2	+7.140+.630	9.6	4
12914	13526	7.8	23 42.27	+3.9553-.0147	-35 16 6.8	+7.160+.536	9.5	4
12915	13117	8.0	23 48.95	+4.4892-.0264	-48 37 16.0	+7.169+.608	9.5	4
12916	16750	7.1	23 57.04	+3.8216-.0124	-30 58 35.9	+7.180+.517	9.6	4
12917	14002	8.2	24 15.68	+3.7250-.0108	-27 37 13.7	+7.205+.504	9.6	4
12918	14004	5.5	24 18.31	+3.7126-.0106	-27 10 13.5	+7.209+.502	10.0	4
12919	7297	7.0	24 19.08	+5.2727-.0495	-60 27 25.8	+7.210+.714	9.7	4
12920	5405	8.0	24 22.85	+3.5643-.0083	-21 31 26.6	+7.215+.482	9.6	4
12921	14006	8.2	24 26.99	+3.7224-.0108	-27 32 1.8	+7.221+.503	9.6	4
12922	15233	6.5	24 27.18	+3.8600-.0131	-32 16 37.5	+7.221+.522	10.0	6
12923	9391	7.0	24 45.69	+4.8100-.0353	-54 21 12.2	+7.246+.651	9.4	4
12924	13043	7.0	24 48.45	+4.3837-.0241	-46 27 38.8	+7.250+.593	9.6	4
12925	3759	4.6	24 57.62	+2.5053+.0008	+24 28 55.6	+7.262+.337	9.9	8,17
12926	15238	7.1	25 8.61	+3.8777-.0136	-32 53 8.2	+7.277+.524	9.8	4
12927	16224	8.4	25 11.00	+3.7790-.0118	-29 34 14.2	+7.280+.510	9.7	4
12928	16231	7.5*	25 26.62	+3.7819-.0119	-29 40 55.4	+7.302+.510	9.6	4
12929	14270	7.5	25 28.78	+4.2177-.0205	-42 37 8.0	+7.305+.570	9.5	4
12930	4527	7.5	25 30.97	+5.5413-.0599	-63 14 54.4	+7.307+.749	10.0	4
12931	5410	6.0	25 33.58	+3.5627-.0084	-21 30 0.0	+7.311+.480	9.9	6
12932	5414	9.1	25 41.76	+3.5623-.0084	-21 29 20.2	+7.322+.480	9.5	1
12933	14115	7.4	25 46.05	+3.6772-.0102	-25 55 28.6	+7.328+.496	10.0	4
12934	9585	5.9	25 47.62	+4.7459-.0340	-53 22 32.8	+7.330+.641	9.9	4
12935	3021	8.3	25 48.30	+6.3611-.0946	-69 16 55.0	+7.331+.860	9.8	4
12936	13384	6.7	25 48.65	+4.3050-.0226	-44 44 14.1	+7.332+.581	9.9	4
12937	13580	8.0	25 49.87	+3.9811-.0156	-36 8 53.5	+7.333+.537	10.0	6
12938	4612	5.2	25 57.46	+3.1372-.0032	- 2 58 38.3	+7.343+.422	9.6	5
12939	12956	7.4	26 16.82	+4.4036-.0251	-46 57 51.6	+7.370+.594	9.5	4
12940	15917	7.7	26 26.58	+3.7444-.0114	-28 24 8.9	+7.383+.504	9.8	4
12941	9212	7.0	26 43.23	+4.9340-.0400	-56 17 31.1	+7.405+.665	9.5	4
12942	16797	6.7	26 44.96	+3.8204-.0128	-31 3 34.7	+7.408+.514	9.6	4
12943	13296	5.9	26 52.56	+4.3343-.0236	-45 27 47.4	+7.418+.584	9.6	5
12944	5425	7.1	26 54.93	+3.5668-.0086	-21 42 28.7	+7.421+.480	9.5	4
12945	15936	7.0	27 3.85	+3.7378-.0114	-28 11 33.4	+7.433+.503	10.0	4
12946	3410	3.2	27 5.50	+2.4190+.0010	+27 46 12.3	+7.436+.324	10.0	35,54
12947	17138	6.7	27 21.14	+3.8048-.0126	-30 33 16.5	+7.457+.512	9.7	4
12948	12554	7.8	27 21.46	+4.5912-.0304	-50 45 29.9	+7.457+.618	9.8	4
12949	14281	7.6	27 21.93	+3.6834-.0105	-26 13 13.0	+7.458+.495	10.1	4
12950	12149	10.1	27 35.82	+4.6299-.0315	-51 28 27.4	+7.477+.623	10.1	4

No.	Name	Mag.	R. A. 1910	Prec. and Sec. Var.	Decl. 1910	Prec. and Sec. Var.	Epoch.	No. Obs.
		M	h m s	s s	° ′ ″	″ ″		
12951	13405	9.8	19 27 39.83	+4.2980−.0230	−44 40 1.9	+7.482+.578	10.1	4
12952	6384	7.6	27 43.21	+5.3870−.0558	−61 49 32.1	+7.487+.725	9.8	4
12953	13760	6.9	27 49.81	+3.9209−.0149	−34 23 25.8	+7.496+.527	10.2	4
12954	13407	10.1	27 51.04	+4.2968−.0230	−44 38 49.3	+7.497+.578	9.6	1
12955	12728	8.2	27 55.00	+4.5431−.0292	−49 52 44.9	+7.503+.611	9.8	4
12956	13356	5.9	27 58.28	+4.1207−.0190	−40 13 42.9	+7.507+.554	9.7	4
12957	3441	8.0	28 5.52	+5.8507−.0744	−65 57 59.1	+7.517+.788	9.5	4
12958	14311	8.3	28 9.54	+3.8876−.0143	−33 20 36.1	+7.522+.522	9.7	1
12959	12563	8.0	28 13.06	+4.5655−.0299	−50 19 10.2	+7.527+.614	9.5	4
12960	13080	9.4	28 30.66	+4.3791−.0252	−46 32 36.9	+7.551+.588	9.5	4
12961	13161	5.0	28 32.55	+4.4616−.0273	−48 17 37.8	+7.553+.599	9.8	6
12962	1370	7.6	28 44.28	+8.7850−.2507	−77 46 37.9	+7.569+1.18	9.8	4
12963	9602	6.7	28 53.26	+4.7264−.0347	−53 12 12.6	+7.581+.635	9.5	4
12964	15421	6.7	29 8.06	+3.6245−.0098	−24 3 15.3	+7.601+.486	9.9	4
12965	16845	7.4*	29 20.28	+3.8391−.0136	−31 48 14.6	+7.618+.514	9.8	6
12966	13090	7.2	29 36.54	+4.3676−.0253	−46 20 53.7	+7.640+.586	9.5	4
12967	4132	4.6	29 41.56	+2.9167−.0014	+ 7 11 14.1	+7.646+.390	10.4	8
12968	3442	7.1	29 44.62	+5.8619−.0764	−66 6 52.2	+7.651+.787	9.6	4
12969	3998	7.6	29 47.77	+5.6179−.0662	−64 6 54.5	+7.655+.754	9.6	4
12970	3034	7.2	29 53.60	+6.3823−.1006	−69 32 20.8	+7.663+.857	9.5	4
12971	13265	7.3	29 57.46	+4.0031−.0170	−37 0 10.5	+7.668+.536	10.0	4
12972	13431	9.1	29 59.11	+4.2806−.0232	−44 22 30.8	+7.670+.573	9.8	4
12973	3035	7.0*	30 0.38	+6.4289−.1031	−69 48 13.6	+7.672+.863	9.8	4
12974	9418	8.0	30 0.75	+4.7940−.0373	−54 21 6.9	+7.672+.642	9.8	4
12975	15560	7.9	30 14.20	+3.6093−.0097	−23 30 25.0	+7.690+.483	9.5	4
12976	15442	5.7	30 33.84	+3.6455−.0103	−24 55 0.9	+7.717+.487	10.0	4
12977	15339	7.0	30 48.26	+3.8698−.0144	−32 53 24.5	+7.736+.517	9.9	5
12978	7627	6.2	30 52.11	+5.0594−.0462	−58 10 58.3	+7.741+.677	9.6	6
12979	13441	8.4	30 53.84	+4.2832−.0236	−44 29 3.1	+7.744+.573	9.8	4
12980	12177	9.9	30 55.01*	+4.6301−.0328	−51 38 35.3	+7.745+.619	9.7	3,4
12981	3445	6.4	30 58.56	+5.9602−.0819	−66 53 13.7	+7.750+.798	9.7	4
12982	3999	7.3*	31 7.27	+5.6835−.0700	−64 44 12.9	+7.762+.761	10.0	4
12983	14184	4.7	31 13.92	+3.6491−.0105	−25 4 58.5	+7.771+.487	10.0	17,25
12984	13605	7.7	31 24.91	+4.1681−.0209	−41 39 30.6	+7.785+.557	9.7	4
12985	14354	7.4	31 56.31	+4.1805−.0214	−42 0 21.1	+7.828+.558	9.5	4
12986	7633	7.4	31 57.58	+5.0750−.0474	−58 26 7.8	+7.829+.678	9.5	4
12987	1540	7.7	32 1.22	+7.6557−.1780	−74 58 33.3	+7.834+1.02	9.6	4
12988	5006	5.0	32 2.99	+3.2285−.0045	− 7 13 41.9*	+7.837+.430	9.8	9,16
12989	17230	8.0	32 10.45	+3.7968−.0133	−30 29 49.3	+7.847+.506	9.5	4
12990	14358	6.8	32 12.06	+3.8746−.0148	−33 6 51.2	+7.849+.516	9.8	7
12991	7636	7.6	32 16.46	+5.0678−.0473	−58 21 26.8	+7.855+.676	9.5	4
12992	3447	6.0	32 54.76	+5.8385−.0783	−66 3 32.4	+7.906+.779	9.4	5
12993	1829	7.8	33 5.28	+7.5494−.1732	−74 39 53.8	+7.920+1.01	9.5	4
12994	9438	8.3	33 7.24	+4.8014−.0389	−54 37 21.6	+7.923+.640	9.5	4
12995	13617	8.2	33 10.41	+4.1680−.0214	−41 44 56.4	+7.927+.555	9.8	4
12996	17245	7.8	33 11.10	+3.7951−.0134	−30 29 5.4	+7.928+.505	9.5	4
12997	13354	6.2	33 14.10	+4.3207−.0252	−45 29 0.0	+7.932+.575	9.8	6
12998	12607	7.3*	33 15.00	+4.5432−.0312	−50 9 13.4	+7.933+.605	9.8	4
12999	7639	7.0	33 18.22	+5.0731−.0481	−58 28 30.5	+7.937+.676	9.8	4
13000	16029	6.7*	33 19.34	+3.7475−.0125	−28 48 41.1	+7.939+.498	10.2	7

12980 ($54^{s}.89$). 12988 ($37''.3$).

No.	Name	Mag.	R. A. 1910	Prec. and Sec. Var.	Decl. 1910	Prec. and Sec. Var.	Epoch.	No. Obs.
		M	h m s	s s	° ′ ″	″ ″		
13001	9443	6.9	19 33 32.65	+4.7869−.0386	−54 24 58.1	+7.957+.637	10.0	4
13002	13129	8.9	33 33.13	+4.3754−.0267	−46 43 35.6	+7.957+.582	10.0	4
13003	12195	7.8	33 45.37	+4.6281−.0339	−51 45 17.2	+7.974+.616	9.5	4
13004	13371	6.6	33 48.00	+4.0881−.0197	−39 38 14.7	+7.977+.544	9.5	4
13005	12198	7.7	34 16.32	+4.6254−.0340	−51 44 1.4	+8.015+.615	9.4	4
13006	9154	7.2	34 22.69	+4.8527−.0412	−55 28 25.8	+8.024+.645	9.5	4
13007	15618	6.2	34 25.06	+3.6084−.0102	−23 37 59.0	+8.027+.479	10.1	6
13008	11503	9.4	34 37.41	+4.6383−.0345	−51 58 54.9	+8.043+.616	9.5	4
13009	15625	6.1	34 42.60	+3.6081−.0102	−23 38 8.0	+8.050+.478	10.1	9,8
13010	7505	7.4	34 52.00	+5.1262−.0509	−59 12 53.6	+8.063+.681	9.4	4
13011	15627	8.0	34 57.90	+3.6054−.0102	−23 32 18.2	+8.071+.478	9.5	4
13012	9636	7.3	35 13.67	+4.7044−.0368	−53 9 27.4	+8.092+.624	9.4	4
13013	3450	7.7	35 13.96	+5.8849−.0826	−66 30 11.0	+8.092+.782	9.4	4
13014	14394	9.6	35 29.20	+4.2037−.0229	−42 47 16.5	+8.112+.557	9.5	4
13015	2691	7.6	35 33.59	+6.4717−.1125	−70 13 40.0	+8.118+.859	9.6	4
13016	5399	5.4	35 34.08	+3.4345−.0075	−16 30 0.8	+8.119+.454	9.9	9
13017	12629	6.8	35 43.08	+4.5744−.0330	−50 52 39.3	+8.131+.606	9.6	5
13018	2693	7.2	35 49.94	+6.5871−.1192	−70 50 18.1	+8.140+.874	9.6	4
13019	13308	7.2*	35 50.31	+3.9960−.0180	−37 5 48.9	+8.140+.529	10.1	8
13020	13379	8.2	36 1.72	+4.3158−.0259	−45 31 24.7	+8.156+.571	9.6	4
13021	13664	6.9	36 14.81	+3.9868−.0179	−36 50 31.8	+8.173+.527	9.5	4
13022	1383	7.3	36 42.77	+8.4065−.2446	−77 7 30.9	+8.210+1.11	9.4	4
13023	13317	7.3	36 54.97	+4.0128−.0186	−37 39 4.1	+8.227+.530	10.0	17
13024	14267	6.7*	36 55.05	+3.6426−.0111	−25 4 11.4	+8.227+.481	9.5	4
13025	13502	8.3	36 55.59	+4.2747−.0251	−44 36 34.7	+8.227+.565	9.7	4
13026	4048	4.4	37 0.43	+2.6938+.0000	+17 16 0.7	+8.234+.354	9.8	9
13027	11516	10.1	37 2.95	+4.6331−.0354	−52 1 12.2	+8.237+.612	10.0	4
13028	13674	7.8	37 3.38	+3.9640−.0176	−36 11 37.4	+8.238+.523	9.5	4
13029	11517	10.1	37 17.73	+4.6400−.0357	−52 9 23.4	+8.257+.613	9.8	4
13030	13506	7.4	37 20.07	+4.2628−.0249	−44 20 49.2	+8.260+.563	9.5	4
13031	5413	5.1	37 22.34	+3.4294−.0076	−16 20 7.8	+8.263+.452	9.7	5
13032	13541	9.0	37 28.87	+4.2339−.0242	−43 39 12.6	+8.272+.559	9.6	4
13033	14420	7.5	37 32.52	+3.8892−.0160	−33 51 31.6	+8.276+.513	10.2	10
13034	13322	6.2	37 36.95	+4.0149−.0188	−37 45 5.3	+8.282+.529	10.0	6
13035	1838	8.3	37 57.68	+7.4122−.1738	−74 20 41.0	+8.310+.980	9.5	4
13036	3823	9.4	38 3.37	+3.0873−.0032	− 0 41 53.3	+8.317+.406	10.7	1
13037	3824	9.2	38 8.13	+3.0895−.0032	− 0 47 57.9	+8.324+.406	10.7	1
13038	13653	6.8	38 14.10	+4.1602−.0225	−41 49 24.4	+8.332+.548	9.8	4
13039	14285	8.3*	38 17.07	+3.6376−.0112	−24 56 0.4	+8.336+.479	9.8	4
13040	11523	9.7	38 28.68	+4.6413−.0362	−52 14 41.4	+8.351+.612	9.4	1
13041	2061	7.6	38 38.31	+7.2374−.1634	−73 44 33.4	+8.364+.955	9.4	4
13042	11527	7.5	38 55.61	+4.6685−.0372	−52 44 44.7	+8.387+.615	9.4	4
13043	6103	7.0	39 0.47	+5.4208−.0652	−62 40 12.0	+8.393+.714	9.5	4
13044	2445	5.5	39 3.49*	+6.9744−.1471	−72 43 26.1*	+8.397+.920	9.6	12
13045	15437	7.6*	39 21.60	+3.8305−.0151	−32 0 14.2	+8.421+.503	10.0	8
13046	868	6.3	39 29.99*	+11.260−.5435	−81 34 37.4*	+8.432+1.49	10.0	15
13047	14243	8.3	39 41.74	+3.7065−.0127	−27 36 47.2	+8.448+.486	9.5	4
13048	17024	6.8*	39 42.44	+3.8042−.0146	−31 7 10.1	+8.449+.499	9.7	10
13049	4233	6.6	39 43.12	+2.8740−.0012	+ 9 18 7.2	+8.450+.376	9.7	1
13050	2066	8.3	40 3.43	+7.0579−.1542	−73 5 51.1	+8.476+.929	9.5	4

13044S.P. $3^s.46$, $26''.2$, 10.4, 11.

13046S.P. $29^s.88$, $37''.3$, 10.1, 8.

No.	Name	Mag.	R. A. 1910	Prec. and Sec. Var.	Decl. 1910	Prec. and Sec. Var.	Epoch.	No. Obs.
		M	h m s	s s	° ′ ″	″ ″		
13051	15443	5.6	19 40 16.80	+3.8326-.0153	-32 7 34.4	+8.494+.502	9.7	9
13052	2452	Var.	40 37.50	+6.7942-.1384	-71 59 39.9	+8.521+.893	9.4	4
13053	3054	7.4	40 38.25	+6.3183-.1106	-69 33 39.6*	+8.522+.830	9.8	5
13054	9290	5.5	40 40.53	+4.9054-.0461	-56 34 46.5	+8.525+.644	10.4	19
13055	14254	7.7	40 46.53	+3.7016-.0127	-27 29 7.6	+8.533+.485	10.0	4
13056	2067	7.4	40 47.19	+7.0321-.1537	-73 1 3.2	+8.534+.924	9.6	4
13057	7664	7.4	40 48.54	+5.0036-.0498	-57 56 45.0	+8.536+.656	9.8	4
13058	3455	7.3	40 48.55	+5.8142-.0846	-66 12 0.7	+8.536+.763	10.0	4
13059	15446	7.6	40 51.10	+3.8326-.0154	-32 9 16.3	+8.539+.502	9.9	6
13060	3836	9.4	40 56.58	+3.0909-.0034	- 0 52 10.1	+8.546+.404	10.7	1
13061	3586	5.0	41 1.84	+2.1572+.0011	+37 8 11.4	+8.553+.281	9.7	5
13062	3680	6.5	41 3.88	+5.9247-.0903	-67 2 9.4	+8.556+.778	10.0	4
13063	5698	5.1	41 6.80	+3.5118-.0093	-19 58 40.8	+8.560+.459	9.9	5
13064	13580	7.2	41 6.86	+4.2218-.0248	-43 33 48.9	+8.560+.553	10.2	4
13065	6108	7.5	41 7.99	+5.3485-.0637	-62 2 4.2	+8.562+.702	10.3	4
13066	3825	7.2	41 21.12	+5.6784-.0786	-65 7 54.6	+8.579+.745	10.1	4
13067	13217	7.5	41 24.30	+4.3204-.0276	-45 56 16.2	+8.583+.566	10.1	4
13068	9678	6.3	41 55.28	+4.6799-.0389	-53 6 33.6	+8.624+.612	9.5	4
13069	4043	2.8	41 58.87	+2.8513-.0011	+10 23 35.9	+8.628+.372	9.9	35,46
13070	7332	8.8	42 2.20*	+5.2161-.0588	-60 38 6.4	+8.633+.683	10.0	3,4
13071	14468	7.2	42 6.74	+4.1698-.0237	-42 17 59.7	+8.639+.545	10.2	4
13072	3234	3.0	42 9.69	+1.8705+.0001	+44 54 38.6	+8.643+.242	10.0	7
13073	16165	6.8	42 12.81	+3.7330-.0136	-28 42 46.5	+8.647+.487	10.1	4
13074	11538	9.6	42 12.97	+4.6325-.0374	-52 18 2.1	+8.647+.606	10.0	4
13075	16528	7.5	42 14.60	+3.7513-.0140	-29 22 54.5	+8.649+.490	10.5	4
13076	13546	9.3	42 18.79	+4.2558-.0261	-44 28 11.7	+8.655+.556	10.0	4
13077	295	8.0	42 21.47	+33.509-6.794	-87 43 55.9	+8.658+4.40	9.4	4
13078	7532	7.0	42 24.62	+5.1175-.0551	-59 29 15.4	+8.662+.669	9.8	4
13079	3827	6.1	42 25.00	+5.7574-.0833	-65 49 33.9	+8.663+.753	9.8	5
13080	6413	6.4	42 29.64	+5.2722-.0615	-61 17 9.2	+8.669+.689	10.0	4
13081	7334	8.9	42 34.32	+5.2127-.0591	-60 37 23.3	+8.675+.681	9.5	4
13082	13548	8.8	42 34.77	+4.2548-.0262	-44 27 37.7	+8.676+.556	10.0	4
13083	16180	8.2	42 54.48	+3.7376-.0138	-28 55 6.4	+8.702+.487	9.5	4
13084	13237	7.2	42 59.76	+4.3177-.0281	-45 58 15.8	+8.708+.563	9.9	4
13085	7534	5.5	43 6.92	+5.1089-.0552	-59 25 7.5	+8.718+.667	10.1	4
13086	12691	7.6	43 20.23	+4.5488-.0352	-50 49 39.4	+8.735+.593	9.8	4
13087	4240	3.8	43 22.54	+2.6745+.0001	+18 18 41.8	+8.738+.347	9.8	10,16
13088	13701	7.2	43 33.55	+4.0119-.0201	-38 0 9.6	+8.753+.522	9.9	6
13089	16546	6.1	43 34.74	+3.7392-.0139	-29 0 39.9	+8.754+.487	10.4	6
13090	11547	8.6	43 35.61	+4.6370-.0382	-52 27 38.1	+8.756+.604	10.3	4
13091	13103	6.0	43 39.39	+4.3974-.0306	-47 46 56.6	+8.760+.573	10.3	4
13092	13443	7.2	43 44.88	+4.3000-.0278	-45 36 16.7	+8.768+.560	9.8	4
13093	2480	7.7	43 52.02	+6.6916-.1370	-71 38 4.4	+8.777+.873	9.5	4
13094	17392	8.1	44 2.35	+3.7800-.0148	-30 29 55.6	+8.791+.492	9.7	4
13095	2482	9.0	44 2.48	+6.7174-.1388	-71 45 43.6	+8.791+.876	9.9	4
13096	13250	7.5	44 23.44	+4.3410-.0292	-46 35 11.6	+8.818+.564	9.5	4
13097	14496	7.5	44 26.93	+4.1563-.0240	-42 5 9.4	+8.823+.540	9.5	4
13098	9508	7.2*	44 45.36	+4.9154-.0486	-56 56 47.6	+8.847+.639	9.6	4
13099	14309	7.4	44 51.03	+3.6819-.0129	-26 56 33.9	+8.854+.478	10.2	5
13100	12259	6.9	44 53.33	+4.5638-.0363	-51 12 15.9	+8.857+.593	9.5	4

13053 37″.2, 40″.1, 40″.0, 40″.4, 39″.8. 13070 (2ˢ.55).

No.	Name	Mag.	R. A. 1910	Prec. and Sec. Var.	Decl. 1910	Prec. and Sec. Var.	Epoch.	No. Obs.
		M	h m s	s s	° ′ ″	″ ″		
13101	14310	8.8	19 44 58.17	+3.6968-.0132	-27 30 46.9	+8.864+.480	9.6	4
13102	4254	5.0	44 58.97	+2.6618+.0002	+18 54 56.9	+8.865+.344	9.7	1
13103	11557	9.8	44 59.70	+4.6442-.0390	-52 40 11.5	+8.866+.604	9.4	1
13104	13387	7.9	45 12.28	+3.9794-.0196	-37 7 26.7	+8.882+.516	9.9	6
13105	14506	7.9	45 13.28	+4.1634-.0244	-42 19 14.9	+8.883+.540	9.8	4
13106	14312	8.1	45 14.04	+3.6982-.0133	-27 34 39.5	+8.884+.480	9.6	4
13107	2486	8.4	45 23.29	+6.7104-.1404	-71 46 43.2	+8.896+.873	10.0	4
13108	13121	8.1	45 27.59	+4.3606-.0301	-47 5 23.9	+8.902+.566	10.2	4
13109	9221	6.1	45 27.65	+4.7954-.0445	-55 12 2.0	+8.902+.623	9.6	4
13110	9222	6.8	45 29.01	+4.7956-.0445	-55 12 22.3	+8.904+.623	9.6	4
13111	4548	7.4	45 31.19	+5.5059-.0740	-63 48 10.4	+8.907+.715	10.2	4
13112	14317	7.2	45 37.52	+3.7010-.0134	-27 42 0.6	+8.915+.479	10.0	4
13113	1395	8.6	45 41.56	+8.4876-.2776	-77 32 14.2	+8.920+1.10	10.3	4
13114	13514	5.4	45 44.03	+4.0803-.0223	-40 6 10.4	+8.924+.529	10.5	4
13115	13391	6.6	45 47.68	+3.9928-.0201	-37 33 49.6	+8.928+.517	9.9	5
13116	11559	9.3	46 3.49	+4.6335-.0391	-52 32 43.7	+8.949+.601	10.5	4
13117	14330	7.6	46 8.66	+3.6899-.0132	-27 18 40.6	+8.956+.477	10.3	4
13118	9713	7.0	46 11.18	+4.6776-.0407	-53 19 15.9	+8.959+.606	9.9	4
13119	4236	0.9	46 23.56	+2.8912-.0015	+ 8 37 48.0	+8.975+.373	9.9	61,73
13120	6426	6.3	46 49.43	+5.2625-.0640	-61 24 13.8	+9.009+.682	9.6	4
13121	2470	8.0	47 0.20	+6.8229-.1503	-72 20 56.6	+9.023+.884	9.6	4
13122	15540	7.1*	47 0.72	+3.8242-.0163	-32 12 27.9	+9.024+.494	9.8	6
13123	7544	Var.	47 37.88	+5.0899-.0571	-59 25 43.5	+9.072+.658	9.4	4
13124	14403	7.8	47 40.63	+3.6458-.0126	-25 41 34.2	+9.076+.470	9.6	4
13125	4337	Var.	47 53.35	+3.0564-.0032	+ 0 46 26.4	+9.092+.393	9.5	4
13126	13758	8.4	48 14.67	+3.9442-.0194	-36 13 10.5	+9.120+.508	9.9	6
13127	4276	6.3	48 21.00	+2.6758+.0001	+18 26 23.8	+9.128+.343	9.7	1
13128	9522	7.0	48 25.64	+4.7209-.0432	-54 10 56.0	+9.134+.609	9.5	4
13129	1854	7.4	48 31.29	+7.3234-.1886	-74 22 7.6	+9.141+.946	9.5	4
13130	13147	7.8	48 40.08	+4.3487-.0308	-47 1 37.6	+9.153+.560	9.6	4
13131	15668	6.3	48 54.47	+3.6057-.0119	-24 9 55.1	+9.171+.464	9.9	5
13132	13612	8.5	48 58.02	+4.2298-.0273	-44 14 43.2	+9.176+.544	9.6	4
13133	14549	4.2	49 3.35	+4.1461-.0249	-42 6 19.7	+9.183+.533	9.8	4
13134	13771	7.1*	49 7.68	+3.9494-.0197	-36 26 13.2	+9.188+.508	9.9	6
13135	14560	6.4	49 19.17	+3.8519-.0173	-33 16 55.6	+9.203+.495	9.7	4
13136	3072	5.8	49 24.10*	+6.2306-.1163	-69 24 2.3*	+9.210+.803	9.8	10
13137	12730	8.6	49 27.44	+4.4962-.0358	-50 11 0.0	+9.214+.578	9.9	4
13138	7683	6.4	49 31.42	+4.9836-.0539	-58 9 44.3	+9.219+.641	10.2	4
13139	7550	5.4	49 33.05	+5.0583-.0570	-59 8 20.0	+9.221+.651	10.3	4
13140	9729	8.4	49 38.74	+4.6440-.0410	-52 57 2.6	+9.229+.597	10.0	4
13141	3073	6.5	49 42.28	+6.1627-.1127	-69 0 1.6	+9.233+.794	10.0	4
13142	13624	7.4	49 45.72	+4.2279-.0274	-44 14 57.2	+9.238+.543	9.8	5
13143	16636	8.5	49 54.36	+3.7388-.0148	-29 19 59.5	+9.249+.480	10.0	4
13144	1049	8.0	49 57.14	+9.2145-.3629	-79 4 29.9	+9.252+1.19	10.2	4
13145	1859	6.5	50 8.41	+7.2754-.1882	-74 15 14.5	+9.267+.937	9.8	5
13146	13759	6.6	50 9.76	+4.0172-.0216	-38 33 49.0	+9.269+.515	10.0	4
13147	2088	4.1	50 12.11*	+6.9844-.1668	-73 8 56.5*	+9.272+.899	10.0	18,17
13148	7552	7.8	50 13.48	+5.1054-.0594	-59 45 54.6	+9.274+.656	10.0	4
13149	14637	4.8	50 19.68	+3.6641-.0133	-26 32 19.8	+9.282+.470	10.1	4
13150	4555	8.0	50 26.41	+5.4340-.0745	-63 22 4.1	+9.290+.698	9.8	4

13136S.P. 24^{s}.13, 3^{m}.8, 10.2, 6.

13147S.P. 12^{s}.10, 56^{m}.8, 10.1, 8.

No.	Name	Mag.	R. A. 1910	Prec. and Sec. Var.	Decl. 1910	Prec. and Sec. Var.	Epoch.	No. Obs.
		M	h m s	s s	° ′ ″	″ ″		
13151	1050	8.2	19 50 29.28	+9.1780−.3612	−79 1 28.0	+9.294+1.18	10.2	4
13152	1561	7.6	50 33.48	+7.4930−.2059	−75 0 24.8	+9.300+.964	9.5	4
13153	4357	3.9	50 53.56	+2.9444−.0021	+ 6 10 52.8	+9.325+.376	10.0	41,52
13154	17490	6.6	51 9.44	+3.7776−.0159	−30 48 32.6	+9.346+.483	9.8	4
13155	11587	8.2	51 15.26	+4.5933−.0398	−52 8 42.7	+9.353+.588	9.7	4
13156	15872	7.6*	51 18.12	+3.5816−.0117	−23 18 16.1	+9.357+.458	10.0	4
13157	13306	8.5	51 19.06	+4.2992−.0300	−46 3 58.6	+9.358+.550	10.1	4
13158	11589	7.7	51 23.05	+4.5923−.0398	−52 8 5.6	+9.363+.588	9.7	4
13159	14399	4.6	51 25.57	+3.6852−.0139	−27 24 32.5	+9.367+.471	9.9	8
13160	3695	5.7	51 38.00*	+5.8802−.0987	−67 11 14.8*	+9.383+.754	9.5	8
13161	13776	6.5	51 40.99	+4.0050−.0217	−38 17 48.5	+9.386+.512	10.0	4
13162	1052	7.8	52 1.48	+9.5467−.4074	−79 40 16.6	+9.413+1.22	9.7	4
13163	7351	7.6	52 15.31	+5.1370−.0621	−60 15 51.8	+9.431+.657	9.8	4
13164	9270	7.9	52 16.48	+4.7746−.0470	−55 17 8.5	+9.432+.610	9.8	4
13165	13454	7.0	52 17.33	+3.9588−.0206	−36 55 38.2	+9.433+.505	10.1	6
13166	13815	7.7	52 18.89	+3.9114−.0184	−35 25 44.0	+9.435+.499	9.8	4
13167	13313	7.3	52 31.40	+4.3072−.0307	−46 19 53.6	+9.451+.550	9.6	4
13168	14584	Var.	52 31.64	+4.1370−.0255	−42 5 25.4	+9.452+.528	10.2	4
13169	3836	6.8	52 37.63	+5.6046−.0848	−65 2 46.8	+9.459+.716	9.6	4
13170	3798	4.0	52 55.80	+2.2529+.0014	+34 50 37.9	+9.483+.285	10.5	12
13171	14588	8.2*	52 58.63	+4.1353−.0256	−42 4 26.6	+9.486+.527	10.2	4
13172	3698	5.2	53 7.54*	+5.8706−.0996	−67 11 17.0*	+9.498+.750	9.5	8
13173	17525	6.2	53 16.81	+3.7733−.0162	−30 46 48.0	+9.510+.480	9.4	4
13174	12763	6.8	53 24.62	+4.4973−.0373	−50 27 40.9	+9.520+.573	9.4	4
13175	14682	5.0	53 28.30	+3.6573−.0136	−26 26 23.5	+9.524+.465	10.0	8
13176	7692	7.4	53 33.62	+5.0010−.0569	−58 37 55.9	+9.531+.637	9.9	4
13177	6440	7.5	53 39.60	+5.1914−.0654	−60 58 54.6	+9.539+.662	9.8	4
13178	13464	7.2	53 45.23	+3.9781−.0214	−37 37 8.3	+9.546+.506	9.6	4
13179	12949	6.2	53 46.68	+4.4530−.0359	−49 35 45.6	+9.548+.567	9.6	4
13180	13831	4.4	53 52.87	+3.9111−.0196	−35 31 13.1	+9.556+.497	9.7	9
13181	12950	6.9	53 59.81	+4.4650−.0364	−49 51 16.1	+9.565+.568	10.2	6
13182	13832	5.3	54 0.93	+3.8930−.0182	−34 56 27.0	+9.566+.495	10.5	4
13183	1054	9.1	54 9.56	+9.1798−.3754	−79 7 7.0	+9.577+1.17	10.0	4
13184	7564	5.1	54 10.15	+5.0753−.0605	−59 37 18.8	+9.578+.646	10.3	4
13185	13735	6.1	54 11.31	+4.1784−.0272	−43 17 20.6	+9.580+.531	10.0	4
13186	5296	6.8	54 14.23	+3.5577−.0116	−22 27 21.0	+9.583+.452	10.3	4
13187	13802	6.0	54 17.73	+3.9877−.0218	−37 56 50.1	+9.588+.506	10.1	4
13188	13549	6.0	54 26.00	+4.2606−.0298	−45 21 32.8	+9.598+.541	10.3	4
13189	4559	8.0	54 30.25	+5.4353−.0778	−63 35 50.2	+9.604+.692	9.8	4
13190	14082	5.7	54 32.46*	+3.8620−.0185	−33 56 31.4	+9.607+.490	10.2	3,4
13191	13671	7.5	54 32.53	+4.2142−.0284	−44 13 29.8	+9.607+.535	10.2	4
13192	9763	8.2	54 35.53	+4.6418−.0430	−53 13 41.8	+9.611+.590	9.8	4
13193	4229	3.7	54 45.28	+2.6632+.0002	+19 14 49.8	+9.623+.336	10.0	33,38
13194	9764	9.2	54 45.44	+4.6325−.0427	−53 4 27.8	+9.623+.588	10.2	4
13195	13199	7.3	54 54.18	+4.3579−.0331	−47 38 39.0	+9.634+.553	9.6	4
13196	15630	7.3	54 55.91	+3.8168−.0175	−32 25 18.4	+9.637+.484	9.8	4
13197	16332	7.0	55 1.90	+3.7175−.0151	−28 49 57.2	+9.644+.471	10.1	5
13198	5588	8.9	55 5.96	+3.5246−.0110	−21 6 11.4	+9.650+.446	10.0	4
13199	13809	7.6	55 12.08	+4.0152−.0227	−38 49 56.2	+9.657+.509	9.7	4
13200	13560	7.6*	55 12.85	+4.0182−.0228	−38 55 21.0	+9.658+.509	9.8	4

13160S.P. $38^s.10$, $15''.5$, 10.1, 8, 7, ($20''.4$) 13172S.P. $7^s.57$, $17''.8$, 10.3, 5, 6.

13190 ($32^s.19$).

No.	Name	Mag.	R. A. 1910	Prec. and Sec. Var.	Decl. 1910	Prec. and Sec. Var.	Epoch.	No. Obs.
		M	h m s	s s	° ′ ″	″ ″		
13201	13807	6.5	19 55 19.18	+4.0924−.0249	−41 3 39.1	+ 9.666+.519	9.7	4
13202	14412	7.9	55 27.66	+3.5665−.0119	−22 53 3.0	+ 9.677+.451	10.0	4
13203	13746	8.5	55 29.23	+4.1658−.0272	−43 3 4.6	+ 9.679+.528	10.0	4
13204	13484	7.5	55 38.50	+3.9517−.0211	−36 55 36.5	+ 9.691+.500	9.7	4
13205	13343	7.8	55 48.12	+4.2915−.0312	−46 11 19.5	+ 9.703+.543	9.6	4
13206	13686	7.9	55 50.56	+4.2302−.0292	−44 42 53.3	+ 9.707+.536	10.0	4
13207	15935	6.1	56 3.11	+3.5682−.0120	−22 59 7.2	+ 9.722+.451	10.2	4
13208	13568	6.8	56 14.07	+4.2590−.0303	−45 26 43.8	+ 9.736+.539	9.8	4
13209	1406	8.2	56 15.04	+8.2756−.2893	−77 20 46.9	+ 9.738+1.05	9.8	4
13210	13691	8.8	56 15.72	+4.2193−.0290	−44 28 17.7	+ 9.738+.533	9.7	4
13211	3839	8.1	56 26.70	+5.6473−.0905	−65 36 27.2	+ 9.752+.715	10.0	4
13212	13822	7.5	56 31.80	+4.1114−.0258	−41 40 4.1	+ 9.759+.519	9.6	4
13213	3703	6.0	56 33.03	+5.8985−.1048	−67 33 22.8	+ 9.760+.747	10.0	4
13214	1056	7.4	56 36.73	+9.2901−.3974	−79 22 7.2	+ 9.765+1.18	9.5	4
13215	5618	5.8	56 56.18	+3.3608−.0081	−13 53 13.8	+ 9.790+.423	9.5	5
13216	13767	7.5	57 2.90	+4.1664−.0276	−43 10 27.4	+ 9.799+.526	9.4	4
13217	4561	7.3	57 6.39	+5.3916−.0776	−63 18 47.6	+ 9.803+.681	9.5	4
13218	16355	4.6	57 7.58	+3.6913−.0148	−27 57 38.4	+ 9.804+.465	10.0	15,25
13219	3587	4.7	57 23.65	+2.4660+.0012	+27 30 15.6	+ 9.825+.309	10.5	7
13220	1572	7.2	57 31.63	+7.4223−.2152	−75 0 45.0	+ 9.835+.939	9.8	4
13221	14743	8.0	57 33.07	+3.6478−.0139	−26 17 34.0	+ 9.837+.459	9.9	4
13222	13583	6.9	57 34.13	+4.0189−.0234	−39 6 9.6	+ 9.838+.506	10.1	4
13223	13828	4.8	57 34.90	+3.9884−.0225	−38 11 24.8	+ 9.839+.502	9.7	8
13224	13856	7.0*	57 37.29	+3.9450−.0213	−36 50 50.5	+ 9.842+.497	10.0	4
13225	13500	6.9	57 38.94	+3.9748−.0221	−37 46 41.4	+ 9.844+.501	10.3	4
13226	13859	7.2	57 49.57	+3.9277−.0209	−38 18 41.4	+ 9.858+.494	9.5	4
13227	3090	5.4	57 57.54	+6.2359−.1273	−69 48 36.9	+ 9.868+.787	10.3	5
13228	13777	8.5	58 0.05	+4.1641−.0278	−43 10 57.5	+ 9.871+.524	9.4	4
13229	13832	6.9	58 4.25	+3.9850−.0225	−38 7 9.7	+ 9.876+.501	10.1	4
13230	1874	7.4	58 20.41	+7.2556−.2030	−74 28 24.5	+ 9.897+.916	10.0	4
13231	5318	6.5	58 24.39	+3.5621−.0121	−22 50 56.0	+ 9.902+.447	10.0	8
13232	15682	5.0	58 37.30	+3.8070−.0179	−32 18 33.8	+ 9.918+.478	10.2	25
13233	13374	6.8	58 43.21	+4.2897−.0320	−46 21 2.9	+ 9.926+.539	9.6	4
13234	2537	8.0	58 47.00	+6.6056−.1538	−71 48 37.7	+ 9.931+.832	9.4	4
13235	14754	8.1	58 49.57	+3.6533−.0142	−26 34 52.6	+ 9.934+.458	9.9	4
13236	16379	7.4	58 54.10	+3.6896−.0150	−28 0 0.2	+ 9.940+.463	9.5	4
13237	13871	7.5	59 23.03	+3.9344−.0214	−36 37 59.7	+ 9.976+.493	9.5	4
13238	11617	7.7	59 31.31	+4.5979−.0434	−52 46 41.3	+ 9.987+.577	9.6	4
13239	13899	7.0	59 37.10	+3.8813−.0200	−34 55 17.5	+ 9.994+.486	9.5	4
13240	5609	7.1	59 40.38	+3.5304−.0116	−21 34 6.4	+ 9.998+.442	10.2	4
13241	14515	7.1	59 42.62	+3.6644−.0146	−27 4 5.9	+10.001+.459	10.1	4
13242	4416	5.6	59 44.59	+2.9298−.0020	+ 7 1 24.3	+10.004+.366	9.6	7
13243	16780	7.2	59 44.74	+3.7233−.0160	−29 19 56.1	+10.004+.466	10.0	4
13244	3887	5.8	59 45.08	+3.0920−.0040	− 0 57 39.5	+10.004+.386	10.7	1
13245	16391	7.6	59 45.98	+3.6900−.0152	−28 4 2.4	+10.005+.462	9.5	4
13246	3473	6.5	59 47.09	+5.7501−.0994	−66 36 45.9	+10.007+.722	10.3	4
13247	14700	6.6	59 47.80	+3.8319−.0187	−33 15 19.1	+10.008+.480	10.0	4
13248	13725	7.9*	59 52.89	+4.2140−.0299	−44 35 48.9	+10.014+.528	10.0	4
13249	3474	3.6	59 54.45*	+5.7238−.0980	−66 24 44.3*	+10.016+.719	10.1	23,21
13250	13796	9.3	20 0 3.96	+4.1693−.0285	−43 27 58.6	+10.028+.522	9.8	4

13249S.P. $54^{s}.42$, $45''.5$, 10.1, 9.

No.	Name	Mag.	R. A. 1910	Prec. and Sec. Var.	Decl. 1910	Prec. and Sec. Var.	Epoch.	No. Obs.
		M	h m s	s s	° ′ ″	″ ″		
13251	9794	4.9	20 0 29.73	+4.6142−.0445	−53 8 20.6	+10 060+.578	10.1	26
13252	9317	6.3	0 30.19	+4.7403−.0496	−55 16 30.5	+10.061+.593	9.6	4
13253	13734	7.9	0 37.38	+4.2105−.0300	−44 33 38.4	+10.070+.526	9.8	4
13254	2496	7.3	0 47.06	+6.6073−.1570	−71 54 15.1	+10.082+.828	9.4	4
13255	9796	8.6	0 48.85	+4.6258−.0451	−53 22 1.1	+10.085+.578	9.6	4
13256	1063	8.1	1 6.06	+9.5168−.4432	−79 50 46.7	+10.106+1.19	9.8	4
13257	5335	7.8	1 16.02	+3.5370−.0119	−21 55 57.3	+10.119+.441	9.6	4
13258	11626	6.7	1 17.98	+4.5943−.0440	−52 50 12.3	+10.121+.574	9.5	4
13259	13924	7.5	1 29.33	+3.9038−.0209	−35 47 32.6	+10.136+.487	9.8	6
13260	13894	7.5	1 44.44	+3.9070−.0211	−35 54 51.7	+10.154+.487	9.8	6
13261	17664	6.7*	1 48.09	+3.7372−.0166	−29 58 50.8	+10.159+.465	9.5	4
13262	13678	7.4	1 50.72	+4.0426−.0250	−40 6 2.7	+10.162+.504	9.5	4
13263	4025	7.7	1 56.22	+5.4255−.0832	−63 55 13.8	+10.169+.677	9.4	4
13264	4564	7.0	2 5.39	+5.4208−.0830	−63 53 2.7*	+10.181+.676	9.4	4,3
13265	13399	8.0	2 12.80	+4.2878−.0331	−46 33 36.0	+10.190+.534	9.6	4
13266	13262	6.5	2 36.03	+4.3197−.0343	−47 19 40.5	+10.219+.537	9.5	5
13267	17675	7.9	2 48.53	+3.7584−.0173	−30 49 58.2	+10.235+.467	10.1	8
13268	13265	7.6	2 54.24	+4.3232−.0345	−47 25 55.6	+10.242+.538	9.4	1
13269	1065	8.0	3 4.07	+9,1362−.4055	−79 16 36.0	+10.254+1.14	9.5	4
13270	13755	7.7	3 11.01	+4.1880−.0300	−44 10 44.2	+10.263+.520	9.5	4
13271	13877	7.3	3 13.89	+3.9877−.0237	−38 33 56.4*	+10.267+.495	9.9	6,5
13272	16012	7.5	3 14.52	+3.5799−.0131	−23 50 58.6	+10.268+.444	9.5	4
13273	3475	9.4	3 25.33	+5.7183−.1011	−66 33 27.5	+10.281+.711	9.6	5
13274	5285	6.4	3 36.18	+3.2814−.0071	−10 19 25.9	+10.295+.406	9.7	3,2
13275	14819	7.2	3 37.56	+3.6438−.0146	−26 29 5.6	+10.296+.451	9.8	4
13276	14179	7.2	3 39.06	+3.8499−.0199	−34 8 12.8	+10.298+.477	9.5	4
13277	16447	7.0	3 45.91	+3.7001−.0160	−28 42 7.1*	+10.307+.458	9.6	4
13278	4566	8.2	3 46.93	+5.4103−.0838	−63 52 55.2	+10.308+.672	9.6	4
13279	9622	6.5	3 49.27	+4.8916−.0579	−57 47 16.3	+10.311+.607	9.5	4
13280	13763	7.1	3 50.19	+4.1853−.0301	−44 9 26.2	+10.312+.519	9.5	4
13281	13275	7.0	4 13.04	+4.3002−.0341	−46 59 54.3	+10.341+.533	9.7	4
13282	9819	8.4	4 16.85	+4.6254−.0466	−53 36 15.3	+10.345+.573	9.7	4
13283	12417	9.7	4 33.25	+4.5203−.0425	−51 41 20.5	+10.366+.560	9.6	4
13284	13836	7.8	4 35.65	+4.1719−.0298	−43 52 3.5*	+10.369+.516	9.9	6,5
13285	14589	7.2	4 41.39	+3.6191−.0141	−25 32 53.9	+10.376+.447	9.6	4
13286	13840	8.0	4 50.90	+4.1663−.0297	−43 44 24.8	+10.388+.515	9.8	4
13287	13449	8.7	4 51.59	+4.3710−.0369	−48 38 41.9	+10.389+.540	9.6	4
13288	13775	6.7	5 1.32	+4.1730−.0300	−43 55 41.1	+10.401+.516	9.8	6
13289	15769	7.6*	5 12.78	+3.8024−.0188	−32 35 19.0	+10.415+.469	9.8	4
13290	13940	5.3	5 17.28	+3.9120−.0219	−36 19 41.0*	+10.421+.483	10.2	30
13291	13285	9.3	5 39.05	+4.3275−.0356	−47 44 7.3	+10.448+.534	9.5	4
13292	695	6.3	5 46.76	+13.221−1.063	−83 35 24.5	+10.458+1.64	9.4	4
13293	6467	7.2	5 57.40	+5.1995−.0743	−61 49 6.9	+10.471+.642	9.5	4
13294	13855	6.3	6 12.89	+4.1362−.0291	−43 2 44.6	+10.490+.509	9.6	4
13295	6146	7.0	6 14.45	+5.2845−.0790	−62 45 35.9	+10.492+.652	9.8	4
13296	4035	7.0	6 25.13	+5.4803−.0900	−64 41 57.5	+10.505+.676	9.9	4
13297	4571	6.2	6 27.12	+5.3739−.0840	−63 41 12.5	+10.508+.663	10.0	4
13298	3362	8.4	6 34.79	+5.9910−.1217	−68 42 11.4	+10.517+.739	10.5	4
13299	9834	8.8	6 35.20	+4.6313−.0479	−53 52 33.4	+10.518+.570	10.0	4
13300	6147	6.7	6 35.36	+5.2626−.0780	−62 32 57.6	+10.518+.649	10.0	4

13264 (0″.6). 13271 (53″.6). 13277 5″.4 included. 13284 (5″.5).

13290 39″.5, 42″.7 included.

No.	Name	Mag.	R. A. 1910	Prec. and Sec. Var.	Decl. 1910	Prec. and Sec. Var.	Epoch.	No. Obs.
		M	h m s	s s	° ′ ″	″ ″		
13301	3911	3.4	20 6 39.73	+3.0941−.0043	− 1 5 20.6	+10.523+.379	9.9	31,56
13302	13464	6.6	7 3.74	+4.3336−.0363	−47 58 55.4	+10.553+.533	9.7	4
13303	13677	7.8	7 27.78	+4.2247−.0325	−45 25 49.5	+10.583+.519	9.7	4
13304	11643	5.7	7 29.91	+4.5631−.0454	−52 42 55.5	+10.586+.560	9.8	4
13305	13816	8.7	7 31.50	+4.1834−.0310	−44 23 26.3	+10.588+.513	9.6	1
13306	16063	7.8	7 33.93	+3.5602−.0131	−23 15 23.1	+10.590+.436	9.7	4
13307	13920	6.9	7 36.29	+3.9819−.0245	−38 42 51.1	+10.593+.488	9.8	4
13308	9635[1]	7.9	7 42.79	+4.8356−.0574	−57 14 45.5	+10.601+.594	9.5	4
13309	9635[2]	8.2	7 43.28	+4.8354−.0574	−57 14 38.4	+10.602+.594	9.5	4
13310	13301	8.4	7 50.62	+4.1845−.0312	−44 26 36.3	+10.611+.513	9.7	4
13311	1074	7.5	7 53.52	+9.4212−.4611	−79 52 31.7	+10.615+1.16	9.8	4
13312	14220	6.7	7 55.85	+3.8484−.0206	−34 23 20.2	+10.618+.471	10.0	6
13313	2121	6.6	8 19.20	+6.8359−.1874	−73 15 14.3	+10.646+.840	9.5	4
13314	2122	7.2	8 26.46	+6.7946−.1842	−73 5 3.1	+10.656+.834	9.5	4
13315	3720	6.8	8 28.15	+5.8361−.1137	−67 43 39.7	+10.658+.716	9.5	4
13316	13308	10	8 32.26	+4.2905−.0352	−47 6 12.9	+10.663+.525	10.5	1
13317	13829	8.3	8 38.90	+4.1777−.0312	−44 19 49.1	+10.671+.511	9.5	4
13318	13830	8.2	8 46.06	+4.1628−.0307	−43 57 2.5	+10.680+.509	9.4	4
13319	9650	9.1	9 19.24	+4.6285−.0490	−54 1 51.0	+10.720+.566	9.5	4
13320	1079	6.8	9 26.14	+9.0130−.4159	−79 14 25.0	+10.729+1.11	9.6	4
13321	7392	7.7*	9 26.28	+5.0212−.0674	−59 55 0.0	+10.729+.614	9.5	4
13322	7601	9.3	9 35.28	+4.9453−.0637	−58 55 46.9	+10.740+.604	9.6	1
13323	14659	5.7	9 40.65	+3.6548−.0157	−27 18 8.2	+10.747+.445	9.9	9
13324	4227	5.0	10 6.78	+2.7722−.0005	+14 55 22.0	+10.779+.336	9.8	9
13325	13939	6.8	10 8.79	+4.0782−.0282	−41 45 12.4	+10.782+.497	9.5	4
13326	17773	6.4	10 15.29	+3.7302−.0177	−30 16 49.7	+10.789+.454	9.8	6
13327	14011	6.6	10 32.38	+3.9123−.0230	−36 43 44.6	+10.810+.476	9.5	4
13328	1081	7.6	10 36.00	+9.0460−.4246	−79 19 56.0	+10.815+1.11	9.5	4
13329	14020	6.6	10 38.59	+3.8743−.0219	−35 28 31.9	+10.818+.471	9.6	4
13330	13942	7.2	10 45.80	+4.0565−.0276	−41 10 50.9	+10.827+.493	9.5	4
13331	1890	7.8	10 47.02	+7.0623−.2116	−74 15 27.6	+10.828+.862	9.5	4
13332	2882	4.0	10 47.82*	+1.8888+.0004	+46 28 4.1*	+10.829+.227	10.4	24
13333	9658	9.7	10 49.94	+4.6256−.0495	−54 5 38.3	+10.832+.563	10.1	4
13334	6152	6.8	10 58.36	+5.2030−.0780	−62 11 2.1	+10.842+.633	9.7	4
13335	11659	6.7	10 58.72	+4.5213−.0451	−52 11 36.0	+10.843+.550	9.8	4
13336	4576	6.3	11 7.14	+5.3268−.0850	−63 30 27.3	+10.853+.648	10.2	4
13337	3955	5.0	11 9.80	+2.2403+.0018	+36 31 48.5	+10.856+.270	9.9	6
13338	15843	7.5*	11 13.46*	+3.7988−.0198	−32 53 7.5*	+10.861+.461	10.2	3
13339	6154	8.9	11 13.76	+5.2012−.0781	−62 10 52.2	+10.861+.633	9.9	4
13340	17449	7.9	11 22.49	+3.7601−.0187	−31 29 0.2	+10.872+.456	9.8	4
13341	4459	9.3	11 36.44	+3.0674−.0040	+ 0 15 31.6	+10.889+.371	10.7	1
13342	12473	7.8	11 38.17	+4.4762−.0435	−51 21 52.5	+10.891+.543	10.0	4
13343	13722	Var.	11 45.24	+3.9935−.0258	−39 23 25.2	+10.900+.484	9.5	4
13344	13785[1]	7.6	11 47.72	+4.0291−.0270	−40 27 47.5	+10.903+.488	9.7	4
13345	13785[2]	7.9	11 48.49	+4.0291−.0270	−40 27 52.0	+10.904+.488	9.7	4
13346	12475	7.6	11 59.24	+4.4964−.0445	−51 47 26.6	+10.917+.545	9.7	4
13347	13915	7.2	12 5.57	+4.1224−.0302	−43 8 14.4	+10.925+.499	9.8	4
13348	13509	6.3	12 28.94	+4.3152−.0374	−47 59 25.4	+10.953+.522	9.8	4
13349	13919	7.4	12 29.82	+4.1124−.0300	−42 53 48.4	+10.954+.497	9.8	4
13350	5683	4.6	12 39.63	+3.3264−.0085	−12 47 13.2	+10.966+.401	9.8	13,33

13332 (48ˢ.18) (12″.2). 13338S.F.; Mean, 13ˢ.40, 7″.2, 9.5, 2.

No.	Name	Mag.	R. A. 1910	Prec. and Sec. Var.	Decl. 1910	Prec. and Sec. Var.	Epoch.	No. Obs.
		M	h m s	s s	° ′ ″	″ ″		
13351	13869	7.6	20 12 41.26	+4.1835-.0325	-44 48 16.4	+10.968+.506	10.4	4
13352	15946	8.6	12 44.09	+3.5858-.0143	-24 38 57.8	+10.972+.433	10.5	4
13353	5384	6.0	12 44.22	+3.5264-.0129	-22 5 18.7	+10.972+.426	10.1	8
13354	13340	6.3	12 49.86	+4.3081-.0372	-47 51 22.0	+10.979+.521	10.2	4
13355	7603	9.4	12 55.73	+4.9359-.0653	-59 2 26.9	+10.986+.597	10.5	4
13356	4075	5.4	12 56.02	+2.5656+.0011	+24 23 36.1	+10.986+.308	9.8	8
13357	3729	6.8	12 58.00	+5.7837-.1150	-67 35 44.6	+10.989+.700	10.2	4
13358	3730	6.6	13 0.89	+5.7095-.1102	-67 1 56.4	+10.992+.691	10.3	4
13359	5685	3.8	13 3.76	+3.3269-.0086	-12 49 28.1	+10.996+.401	10.0	23,32
13360	7604	7.3	13 16.64	+4.9319-.0653	-59 0 40.3	+11.011+.596	9.7	5
13361	9364	8.2	13 23.48	+4.6832-.0533	-55 16 25.7	+11.020+.566	9.8	4
13362	14848	7.4	13 29.98	+3.7976-.0201	-33 0 46.3	+11.028+.458	9.6	4
13363	9365	6.2	13 32.55	+4.6860-.0535	-55 19 56.0	+11.031+.566	9.8	4
13364	17822	7.5	13 49.98	+3.7138-.0178	-29 54 19.3	+11.052+.447	9.6	4
13365	15882	7.3*	13 59.13	+3.7692-.0194	-32 0 39.4	+11.063+.454	9.6	4
13366	1088	8.3	14 8.20	+9.1911-.4582	-79 40 53.7	+11.074+1.11	9.7	4
13367	5776	5.5	14 12.17	+3.4647-.0116	-19 24 0.3	+11.079+.416	9.9	6
13368	13932	7.5	14 13.44	+4.1178-.0306	-43 11 2.8	+11.080+.496	9.8	4
13369	14857	7.1	14 17.68	+3.7928-.0201	-32 53 55.4	+11.086+.456	10.1	6
13370	14697	7.0	14 22.19	+3.6037-.0150	-25 30 26.0	+11.091+.433	10.0	4
13371	12923	7.5	14 26.41	+4.4131-.0420	-50 18 0.6	+11.096+.531	10.0	4
13372	1089	8.2	14 27.83	+8.8219-.4116	-79 2 40.6	+11.098+1.07	10.0	4
13373	14287	6.6	14 28.64	+3.8479-.0218	-34 51 59.7	+11.099+.462	10.2	4
13374	13741	7.3	14 35.59	+4.2176-.0343	-45 49 38.2	+11.107+.507	9.8	4
13375	14859	8.4	14 38.90	+3.8016-.0204	-33 14 31.8	+11.111+.457	10.2	5
13376	9370	8.5*	14 42.85	+4.6663-.0532	-55 5 35.8	+11.116+.561	10.1	4
13377	16980	8.3	14 54.16	+3.7007-.0176	-29 28 28.7	+11.130+.444	9.8	4
13378	16981	6.3	14 55.48	+3.7008-.0176	-29 28 50.3	+11.132+.444	9.8	4
13379	14057	6.5	15 3.40	+3.8785-.0228	-35 57 28.9	+11.141+.465	10.1	5
13380	2515	7.6	15 6.89	+6.4803-.1695	-71 56 45.5	+11.145+.781	10.0	4
13381	12929	6.4	15 9.10	+4.4093-.0421	-50 16 40.2	+11.148+.530	10.0	4
13382	14710	7.8	15 22.37	+3.5920-.0148	-25 4 55.3	+11.164+.430	9.8	4
13383	14870	7.6	15 31.46	+3.7936-.0204	-33 1 21.8	+11.175+.454	9.7	4
13384	13897	9.2	15 35.15	+4.1576-.0324	-44 22 2.4	+11.180+.498	9.8	4
13385	3732	8.5	15 36.89	+5.8020-.1191	-67 53 3.8	+11.182+.697	9.6	4
13386	9673	7.7	15 43.53	+4.6298-.0520	-54 32 55.4	+11.190+.555	9.8	4
13387	13988	7.2	15 45.75	+4.0377-.0282	-41 2 27.6	+11.192+.484	9.9	4
13388	5629	3.2	15 57.38	+3.3708-.0097	-15 3 58.4	+11.206+.403	10.1	24,43
13389	13082	7.6	16 6.00	+4.3535-.0402	-49 9 6.8	+11.217+.521	9.5	4
13390	14836	5.6	16 21.06	+4.0808-.0299	-42 20 1.4	+11.235+.488	9.7	9
13391	13904	7.9*	16 23.65	+4.1743-.0333	-44 52 26.9	+11.238+.499	9.8	4
13392	957	7.6	16 46.08	+9.9261-.5753	-80 50 15.6	+11.265+1.19	9.4	4
13393	5406	7.4	16 49.94	+3.5245-.0133	-22 14 35.3	+11.270+.420	9.7	4
13394	1092	8.4	17 1.65	+8.8630-.4269	-79 12 1.2	+11.284+1.06	9.8	4
13395	1906	8.0	17 5.31	+7.0754-.2256	-74 34 34.4	+11.288+.848	10.0	4
13396	14080	7.0	17 13.09	+3.8648-.0228	-35 39 52.8	+11.298+.461	9.5	4
13397	9677	7.9	17 13.46	+4.6392-.0531	-54 49 52.2	+11.298+.554	10.0	4
13398	14736	8.4	17 40.28	+3.5931-.0151	-25 16 34.0	+11.330+.427	9.9	4
13399	14847	5.7	17 46.29	+4.0900-.0306	-42 42 44.6	+11.338+.487	9.5	4
13400	4579	8.4	17 55.42	+5.2298-.0847	-62 56 55.3	+11.349+.624	10.2	4

No.	Name	Mag.	R. A. 1910	Prec. and Sec. Var.	Decl. 1910	Prec. and Sec. Var.	Epoch.	No. Obs.
		M	h m s	s s	° ′ ″	″ ″		
13401	14851	6.9	20 17 55.94	+4.0673-.0298	-42 5 4.3	+11.349+.484	10.0	4
13402	14086	7.4	17 58.56	+3.8558-.0227	-35 25 6.9	+11.352+.458	9.8	4
13403	14009	7.7	18 1.07	+4.0340-.0286	-41 7 17.9	+11.355+.480	10.0	4
13404	5703	8.5	18 17.00	+3.5090-.0130	-21 38 0.4	+11.374+.416	10.0	4
13405	14855	8.0	18 20.69	+4.0617-.0297	-41 57 32.2	+11.379+.483	10.0	4
13406	901	5.8	18 22.00*	+10.230-.6315	-81 15 44.3*	+11.380+1.22	9.8	16,43
13407	9674	2.1	18 32.06	+4.7673-.0600	-57 1 26.7	+11.393+.567	9.9	17
13408	17876	8.0*	18 35.85	+3.7273-.0189	-30 46 44.8	+11.397+.442	10.1	4
13409	14015	7.7	18 54.08	+4.0282-.0286	-41 1 28.8	+11.419+.478	9.9	4
13410	7404	8.8	18 56.96	+4.9990-.0723	-60 18 48.5	+11.422+.594	9.6	4
13411	4159	2.3	18 59.85	+2.1522+.0019	+39 58 5.3	+11.426+.253	10.0	9
13412	16214	7.5	19 0.10	+3.5560-.0143	-23 45 57.1	+11.426+.421	9.8	4
13413	17039	6.9	19 11.15	+3.6901-.0179	-29 22 3.2	+11.440+.437	10.0	4
13414	14990	6.9	19 12.50	+3.6107-.0158	-26 7 27.3	+11.441+.427	10.1	5
13415	13399	7.0	19 43.88	+4.2455-.0370	-46 57 7.9	+11.479+.502	9.8	4
13416	9687	8.2	19 45.24	+4.5868-.0519	-54 6 52.6	+11.480+.543	9.8	4
13417	14024	6.1	19 47.38	+4.0277-.0288	-41 5 11.9	+11.483+.476	9.8	4
13418	17891	7.4*	19 47.40	+3.7120-.0186	-30 16 36.0	+11.483+.439	10.0	4
13419	17049	6.0	19 56.35	+3.6783-.0177	-28 57 20.8	+11.494+.434	10.1	4
13420	1440	8.7	20 3.88	+8.0085-.3319	-77 29 51.2	+11.503+.951	10.3	4
13421	3369	7.3	20 4.38	+5.7887-.1231	-68 3 12.3*	+11.503+.686	10.2	4,3
13422	1440	9.7	20 6.32	+8.0080-.3319	-77 29 51.9	+11.505+.951	10.3	4
13423	14362	7.8	20 14.44	+3.8084-.0216	-33 55 42.7	+11.515+.450	9.8	4
13424	15008	7.6	20 22.81	+3.6260-.0163	-26 50 57.6	+11.525+.428	9.7	4
13425	9690	9.7	20 26.13	+4.6044-.0530	-54 29 11.3	+11.529+.544	10.3	4
13426	14882	7.7	20 34.94	+4.0686-.0305	-42 20 58.7	+11.540+.480	9.7	4
13427	1441	8.2	20 42.02	+8.0382-.3373	-77 35 36.9	+11.548+.953	10.3	4
13428	15959	7.3	20 46.96	+3.7716-.0206	-32 37 21.6	+11.554+.444	9.9	5
13429	17069	7.1	21 1.59	+3.6866-.0181	-29 22 1.5	+11.571+.434	9.8	4
13430	13741	6.3	21 3.34	+3.9157-.0253	-37 41 41.2	+11.573+.461	9.8	8
13431	17584	7.5	21 4.82	+3.7273-.0193	-30 58 10.8	+11.575+.439	9.8	5
13432	9695	8.5	21 14.00	+4.6070-.0535	-54 35 56.1	+11.586+.543	10.2	4
13433	619	7.1	21 17.10	+14.860-1.628	-84 42 53.9	+11.590+1.76	9.4	4
13434	3120	7.3	21 25.78	+5.9670-.1378	-69 21 57.6	+11.600+.705	10.0	4
13435	9392	7.7	21 28.96	+4.6565-.0560	-55 28 24.9	+11.604+.549	9.8	4
13436	17081	7.2	21 58.17	+3.6784-.0180	-29 6 35.5	+11.639+.432	9.5	4
13437	17597	6.6*	22 9.39*	+3.7298-.0195	-31 9 3.9	+11.652+.438	9.9	6
13438	5685	5.2	22 10.26	+3.4365-.0116	-18 30 26.5	+11.653+.403	10.1	20,24
13439	16682	Var.	22 26.15	+3.6639-.0176	-28 33 29.7	+11.672+.429	10.0	4
13440	12559	7.7	22 26.67	+4.4327-.0459	-51 22 58.1	+11.672+.520	10.0	4
13441	7618	7.9	22 29.08	+4.8855-.0683	-59 4 13.4	+11.675+.574	10.1	4
13442	17089	7.4	22 34.38	+3.6912-.0185	-29 40 14.2	+11.681+.432	10.2	4
13443	4049	7.4	22 35.74	+5.3482-.0958	-64 29 20.6	+11.683+.629	10.3	4
13444	15036	6.6	22 37.66	+3.5999-.0159	-25 54 14.6	+11.685+.421	10.2	4
13445	2526	7.4	22 41.63	+6.4466-.1787	-72 9 51.0	+11.690+.759	10.2	4
13446	9397	9.5	22 44.10	+4.6471-.0562	-55 25 6.6	+11.693+.545	9.8	4
13447	14406	6.8	22 49.19	+3.8241-.0226	-34 42 24.9	+11.699+.448	9.6	4
13448	9399	9.3	22 49.29	+4.6447-.0561	-55 23 6.6	+11.699+.545	9.8	4
13449	14166	6.2	23 0.39	+3.8574-.0237	-35 53 36.1	+11.712+.451	10.0	4
13450	9702	9.5	23 7.90	+4.6132-.0547	-54 52 2.0	+11.721+.540	10.0	4

13406 S.P. $22^s.05$, $44''.5$, 10.1, 17, 39.

13406 $46''.1$ included.

13421 ($9''.7$).

13437 $9^s.25$ included.

No.	Name	Mag.	R. A. 1910	Prec. and Sec. Var.	Decl. 1910	Prec. and Sec. Var.	Epoch.	No. Obs.
		M	h m s	s s	° ′ ″	″ ″		
13451	16056	6.9	20 23 8.69	+3.5656−.0150	−24 27 30.4	+11.722+.417	10.0	4
13452	906	5.8	23 9.56*	+10.409−.6900	−81 35 40.8*	+11.723+1.23	9.6	7
13453	13573	7.5	23 20.73	+4.2122−.0368	−46 27 0.1	+11.736+.493	9.6	4
13454	16058	6.9	23 24.25	+3.5612−.0149	−24 16 50.3	+11.740+.416	9.6	4
13455	14061	7.5	23 33.00	+4.0371−.0301	−41 41 56.0	+11.751+.472	9.8	4
13456	5689	5.0	23 43.67	+3.4264−.0115	−18 6 42.3	+11.763+.399	9.8	7,11
13457	9889	7.8	24 4.27	+4.5126−.0503	−53 6 29.6	+11.788+.527	9.7	4
13458	5442	6.2	24 14.57	+3.5242−.0140	−22 41 25.8	+11.800+.410	10.0	8
13459	14025	8.9	24 47.09	+4.0825−.0321	−43 7 21.3	+11.838+.475	9.7	4
13460	17122	6.1	25 26.20	+3.6793−.0185	−29 24 52.4	+11.884+.427	10.0	8
13461	13997	9.2	25 26.74	+4.1221−.0338	−44 17 1.3	+11.885+.479	9.5	4
13462	4057	4.1	25 43.11	+2.4500+.0020	+30 4 3.6	+11.904+.282	9.6	6
13463	2560	6.5	25 48.14	+6.2843−.1695	−71 29 42.1	+11.910+.732	9.5	5,4
13464	14071[1]	8.3	25 51.80*	+4.0134−.0298	−41 12 3.1	+11.914+.466	9.6	3,4
13465	14071[2]	8.3	25 51.96*	+4.0134−.0298	−41 12 6.9	+11.914+.466	9.6	3,4
13466	9709	8.8	25 57.20	+4.5968−.0552	−54 49 13.7	+11.921+.534	9.5	4
13467	1447	7.9	26 40.77	+7.7912−.3260	−77 12 5.9	+11.972+.906	9.5	4
13468	2561	7.6	26 53.16	+6.2868−.1714	−71 34 7.9	+11.986+.730	9.7	4
13469	4590	7.5	26 56.68	+5.2317−.0919	−63 37 4.8	+11.990+.606	9.5	4
13470	2792	6.1	26 56.94	+6.0018−.1476	−69 55 1.5	+11.990+.696	9.5	4
13471	5457	7.8	26 57.42	+3.5152−.0141	−22 27 33.6	+11.991+.406	9.6	4
13472	14851	7.2	26 57.62	+3.5759−.0157	−25 10 30.0	+11.991+.413	10.0	4
13473	9715	9.4*	26 58.34	+4.5885−.0552	−54 45 44.8	+11.992+.531	10.0	4
13474	5458	8.4	26 59.59	+3.5153−.0141	−22 27 59.6	+11.993+.406	9.6	4
13475	14049	8.1	27 1.05	+4.0933−.0332	−43 37 50.7	+11.995+.473	9.8	4
13476	17657	7.5	27 7.70	+3.7332−.0204	−31 41 13.6	+12.003+.431	9.9	6
13477	17144	7.2*	27 13.18	+3.6632−.0183	−28 54 0.9	+12.009+.422	10.0	4
13478	2563	7.1	27 20.28	+6.2470−.1686	−71 22 45.7	+12.018+.724	9.5	4,3
13479	14087	7.0	27 22.00	+4.0296−.0308	−41 49 33.6	+12.020+.465	10.0	4
13480	14854	6.2	27 30.92	+3.5766−.0158	−25 14 54.0	+12.030+.412	10.1	8
13481	14020[1]	5.3	27 44.28	+4.1341−.0350	−44 49 17.9	+12.046+.477	9.6	4
13482	13926[1]	8.7	27 47.84	+3.9965−.0296	−40 51 51.5	+12.050+.460	10.2	5
13483	13926[2]	7.8	27 48.12	+3.9964−.0296	−40 51 48.5	+12.050+.460	10.2	5
13484	3127	6.8	27 58.01	+5.9674−.1462	−69 45 34.2	+12.062+.690	9.5	4
13485	6492	4.8	28 8.14	+4.9881−.0758	−60 53 8.3	+12.074+.575	10.3	4
13486	14058	6.7	28 8.99	+4.0938−.0335	−43 45 10.7	+12.074+.471	10.3	4
13487	5464	7.4	28 15.68	+3.5150−.0142	−22 32 13.0	+12.082+.404	10.0	4
13488	17159	7.0*	28 18.78	+3.6782−.0189	−29 35 58.5	+12.086+.423	10.1	6
13489	7410	7.7	28 45.39	+4.9156−.0739	−59 59 13.3	+12.117+.566	9.7	4
13490	14977	7.6	28 51.92	+4.0407−.0316	−42 17 41.2	+12.124+.464	9.8	4
13491	4595	6.6	28 53.80	+5.2002−.0914	−63 25 44.3	+12.126+.598	10.0	4
13492	4321	4.0	28 54.80	+2.8657−.0013	+10 59 48.7	+12.128+.327	10.0	35,47
13493	14108	6.4	29 4.01	+3.9154−.0270	−38 23 53.2	+12.138+.449	9.5	4
13494	3855	7.1	29 9.93	+5.3887−.1042	−65 20 37.0	+12.145+.620	10.2	4
13495	18013	6.5	29 14.55	+3.7057−.0199	−30 46 53.8	+12.150+.424	9.6	4
13496	14111	8.7	29 16.52	+3.9149−.0270	−38 23 56.7	+12.153+.449	9.5	4
13497	9426	9.9	29 21.08	+4.5835−.0561	−54 53 7.2*	+12.158+.526	10.3	4
13498	17174	8.8	29 25.23	+3.6590−.0185	−28 54 3.2	+12.163+.419	10.0	5
13499	14040	9.1	29 27.81	+4.1101−.0345	−44 19 50.2	+12.166+.471	10.2	4
13500	2795	7.8	29 31.53	+6.0522−.1552	−70 23 3.2	+12.170+.696	10.1	4

13452S.P. $9^s.38$, $40''.4$, 10.3, 8.

13464–5, Mean $51^s.80$, 9.4, 1.

13497 $5''.4$, $8''.2$, $7''.6$, $7''.8$.

No.	Name	Mag.	R. A. 1910	Prec. and Sec. Var.	Decl. 1910	Prec. and Sec. Var.	Epoch.	No. Obs.
		M	h m s	s s	° ′ ″	″ ″		
13501	14043	6.5	20 29 38.34	+4.1211−.0350	−44 38 52.2	+12.178+.472	9.6	4
13502	2566	7.2	29 42.71	+6.2272−.1705	−71 24 25.0	+12.183+.716	9.8	4
13503	6495	5.0	30 3.12	+5.0528−.0830	−61 50 23.2	+12.207+.579	9.8	5
13504	13921	7.4*	30 16.98	+4.1644−.0370	−45 52 8.6	+12.223+.476	9.8	4
13505	6027	6.2	30 26.85	+3.3929−.0112	−16 50 7.7	+12.234+.387	9.7	1
13506	14911	7.0	30 29.19	+3.6138−.0172	−27 5 4.5	+12.237+.412	9.5	4
13507	7764	7.8	30 48.03	+4.7771−.0672	−58 11 13.8	+12.259+.546	9.8	4
13508	1434	6.1	30 57.83*	+7.4734−.3004	−76 29 47.9*	+12.270+.856	9.5	8
13509	9435	9.7	31 2.51	+4.5891−.0572	−55 8 10.7	+12.275+.524	10.3	4
13510	1644[1]	6.6	31 2.60	+7.2062−.2702	−75 39 46.3	+12.276+.825	9.5	4
13511	1644[2]	7.4	31 4.08	+7.2045−.2701	−75 39 29.5	+12.277+.825	9.5	4
13512	9436	10.1	31 8.44	+4.5942−.0575	−55 14 12.3	+12.282+.524	9.8	4
13513	13477	3.2	31 14.48	+4.2290−.0401	−47 36 21.0	+12.289+.482	10.1	27
13514	14094	7.8	31 20.29	+4.0691−.0334	−43 21 18.2	+12.296+.463	9.5	4
13515	6500	9.0	31 35.60	+4.9860−.0800	−61 8 26.1	+12.314+.568	10.0	4
13516	1646	8.0	31 41.26	+7.1118−.2614	−75 22 22.3	+12.320+.813	10.1	4
13517	2797	9.7	31 43.10	+6.0114−.1548	−70 16 4.5*	+12.322+.686	10.0	4
13518	14129	6.8	31 44.22	+4.0064−.0310	−41 32 22.7	+12.323+.455	9.8	4
13519	17189	8.0	31 47.06	+3.6573−.0188	−29 1 31.9	+12.327+.415	9.6	4
13520	6501	7.3	31 51.03	+5.0417−.0836	−61 51 0.4	+12.331+.574	9.8	4
13521	1436	7.8	32 2.75	+7.5837−.3165	−76 51 43.3	+12.345+.866	10.0	4
13522	9441	8.7	32 5.36	+4.6008−.0584	−55 26 19.6	+12.348+.523	10.3	4
13523	4602	6.4	32 10.58	+5.1580−.0913	−63 13 16.6	+12.354+.587	9.8	4
13524	14062	7.4	32 13.56	+4.1189−.0357	−44 50 18.6	+12.357+.468	9.8	4
13525	17209	9.2	32 18.62	+3.6590−.0189	−29 8 22.9	+12.363+.415	10.5	4
13526	5484	7.1	32 27.82	+3.5136−.0146	−22 45 25.8	+12.373+.398	10.3	4
13527	14920	6.3	32 30.81	+3.5722−.0163	−25 25 23.6	+12.377+.404	10.0	4
13528	7419	5.3	32 35.90	+4.9569−.0789	−60 51 2.3	+12.383+.563	10.3	4
13529	1107	8.6	32 36.48	+8.6934−.4665	−79 24 35.4	+12.383+.991	10.3	4
13530	13178	7.6	32 37.75	+4.3093−.0442	−49 38 49.0	+12.385+.489	10.1	4
13531	16161	6.7*	32 45.43	+3.5522−.0157	−24 32 33.8	+12.394+.402	10.3	4
13532	2568	7.8	32 56.77	+6.1644−.1698	−71 14 52.3	+12.407+.701	9.6	4
13533	4369	3.7	33 19.73	+2.8057−.0004	+14 16 53.4	+12.433+.316	10.2	27,37
13534	2544	7.7	33 31.36	+6.3447−.1871	−72 14 49.4	+12.446+.720	9.8	4
13535	16816	7.7	33 34.56	+3.6470−.0187	−28 44 30.2	+12.450+.411	10.2	8
13536	6175	8.4	33 36.61	+5.0347−.0844	−61 54 34.5	+12.452+.570	9.8	4
13537	3754	5.4	33 42.37*	+5.5484−.1201	−67 4 43.2*	+12.459+.628	9.6	8
13538	977	8.4	33 43.16	+9.4290−.5861	−80 38 51.4	+12.460+1.07	9.5	4
13539	14155	8.8	33 56.60	+3.9912−.0309	−41 17 18.6	+12.475+.450	10.0	4
13540	13496	7.3	34 6.06	+4.1994−.0397	−47 8 38.1	+12.486+.474	9.8	4
13541	14315	7.2	34 7.42	+3.8418−.0253	−36 20 58.1	+12.487+.433	9.8	4
13542	9535	7.3	34 11.99	+4.6175−.0603	−55 55 21.8	+12.493+.521	10.3	4
13543	14124	7.8	34 16.27	+4.0600−.0338	−43 22 54.7	+12.498+.457	10.3	4
13544	978	7.6	34 18.50	+9.1069−.5370	−80 10 39.3	+12.500+1.03	9.4	4
13545	16830	7.6	34 29.81	+3.6285−.0182	−28 2 2.5	+12.513+.408	10.3	4
13546	14323	7.5*	34 34.65	+3.8341−.0252	−36 6 58.2	+12.518+.431	9.6	4
13547	17235	Var.	34 34.91	+3.6537−.0190	−29 6 35.1	+12.519+.411	10.6	4
13548	17237	8.6	34 40.52	+3.6554−.0191	−29 11 21.8	+12.525+.411	10.4	4
13549	15119	5.5	34 41.28	+3.7697−.0229	−33 45 2.5	+12.526+.424	10.0	8
13550	4600	5.2	34 45.49	+2.8929−.0016	+ 9 46 7.8	+12.531+.324	10.2	8

13508 S.P. $57^s.82$, $47''.7$, 10.2, 12, 13.

13517 $4''.9$, $2''.5$, $5''.3$, $5''.3$

13537 S.P. $42^s.47$, $43''.6$, 10.4, 15, 14, ($49''.4$).

No.	Name	Mag.	R. A. 1910	Prec. and Sec. Var.	Decl. 1910	Prec. and Sec. Var.	Epoch.	No. Obs.
		M	h m s	s s	° ′ ″	″ ″		
13551	16193	6.3	20 34 50.53	+3.5391−.0156	−24 6 12.1	+12 536+.397	10.0	4
13552	15029	6.5	34 53.59	+4.0352−.0330	−42 42 56.4	+12.540+.454	10.0	4
13553	5738	5.3	34 55.68	+3.4204−.0123	−18 27 22.0	+12.542+.384	10.1	7,8
13554	16195	7.1	35 2.59	+3.5459−.0158	−24 25 44.7	+12.550+.398	10.3	4
13555	16841	7.3	35 9.93	+3.6242−.0182	−27 54 19.1	+12.558+.406	10.5	5
13556	14959	6.4	35 12.24	+3.6024−.0175	−26 57 47.4	+12.561+.404	10.5	4
13557	9455	10.1	35 18.56	+4.5834−.0590	−55 25 49.2	+12.568+.515	9.9	4
13558	2804	8.5	35 22.30	+5.9600−.1553	−70 10 37.3	+12.573+.671	10.1	4
13559	15034	6.5	35 23.32	+4.0247−.0326	−42 27 9.0	+12.574+.452	10.1	4
13560	16844	6.7	35 24.80	+3.6463−.0189	−28 52 5.4	+12.576+.408	9.9	5
13561	4606	8.0	35 27.29	+5.1411−.0928	−63 17 45.7	+12.578+.578	9.9	4
13562	4222	3.9	35 27.47	+2.7821−.0001	+15 35 38.5	+12.578+.310	10.2	18,26
13563	1108	8.2	35 40.13	+8.5627−.4598	−79 16 32.4	+12.593+.966	10.2	4
13564	16130	5.8	35 48.90	+3.7198−.0214	−31 54 59.8	+12.603+.416	9.6	4
13565	13662	7.1	35 49.67	+4.1761−.0392	−46 43 14.0	+12.604+.468	9.8	4
13566	15192	6.4	36 2.05	+3.5862−.0171	−26 19 9.9	+12.618+.401	10.0	4
13567	13978	7.1	36 6.43	+4.1182−.0368	−45 12 21.7	+12.623+.461	10.0	4
13568	16851	7.5	36 7.03	+3.6318−.0186	−28 18 53.6	+12.623+.406	9.6	4
13569	981	7.6	36 7.27	+9.2503−.5690	−80 27 39.5	+12.624+1.04	9.4	4
13570	17262	7.6*	36 18.67*	+3.6496−.0192	−29 4 59.7	+12.637+.408	10.0	5,6
13571	13927	8.7	36 25.99	+3.9094−.0283	−38 54 17.6	+12.645+.437	9.4	1
13572	15198	9.2	36 45.29	+3.5958−.0175	−26 48 5.0	+12.667+.401	9.8	4
13573	3501	3.6	36 51.64*	+5.4569−.1165	−66 31 37.9*	+12.674+.611	10.1	24
13574	13994	6.4	36 59.60	+3.9372−.0296	−39 52 50.3	+12.683+.439	9.8	4
13575	2551	9.4	37 6.86	+6.3090−.1896	−72 16 27.7	+12.691+.707	9.8	4
13576	11752	4.7	37 26.19*	+4.4067−.0508	−52 14 34.9	+12.713+.491	10.0	18
13577	17277	8.1	37 34.90	+3.6472−.0192	−29 5 32.9	+12.722+.405	9.8	5
13578	9458	10.0	37 34.95	+4.5708−.0595	−55 25 20.4	+12.723+.510	10.3	4
13579	4069	7.6	37 40.87	+5.2617−.1030	−64 45 6.3	+12.729+.587	9.6	4
13580	17282	7.0*	37 47.43	+3.6622−.0198	−29 44 30.4	+12.737+.407	9.9	5
13581	4610	8.0	38 3.06	+5.0958−.0918	−62 59 50.6	+12.754+.568	9.8	4
13582	5511	7.2	38 11.56	+3.5052−.0149	−22 46 37.9	+12.764+.389	9.8	4
13583	3541	1.3	38 21.77	+2.0442+.0022	+44 57 30.1	+12.775+.224	10.3	13
13584	16445	7.9	38 22.50	+3.5266−.0156	−23 47 38.8	+12.776+.391	10.3	4
13585	13114	7.5	38 29.12	+4.3352−.0476	−50 48 45.4	+12.784+.481	9.5	4
13586	16874	8.0	38 29.25	+3.6254−.0187	−28 14 19.1	+12.784+.402	10.1	4
13587	16161	7.4*	38 29.86	+3.7221−.0219	−32 15 9.5	+12.784+.413	10.3	5
13588	15227	7.8	38 29.94	+3.5779−.0172	−26 8 59.6	+12.784+.396	10.0	4
13589	13115	7.3	38 40.03	+4.3353−.0477	−50 49 54.0	+12.796+.481	9.5	4
13590	3865	6.9	38 52.36	+5.3008−.1068	−65 14 4.6	+12.810+.589	9.9	4
13591	14382	6.7	38 57.69	+3.8233−.0256	−36 9 10.2	+12.816+.423	9.6	4
13592	1446	8.1	38 58.55	+7.2440−.2943	−76 9 42.3	+12.816+.807	10.0	4
13593	15005	8.4	39 2.93	+3.6082−.0182	−27 32 14.9	+12.821+.399	9.8	4
13594	16879	7.1	39 8.93	+3.6308−.0189	−28 31 45.5	+12.828+.401	10.4	4
13595	17294	8.7	39 10.64	+3.6559−.0198	−29 36 6.0	+12.830+.404	10.2	4
13596	15009	8.5	39 12.55	+3.6130−.0184	−27 45 40.7	+12.832+.399	10.2	4
13597	4403	4.5	39 15.45	+2.8022−.0003	+14 45 4.3	+12.836+.308	9.7	7,11
13598	1344	8.2	39 17.80*	+8.1010−.4070	−78 27 49.6*	+12.838+.902	10.5	5
13599	7424	8.3	39 18.20	+4.8945−.0795	−60 36 25.0	+12.838+.542	10.6	4
13600	1447	9.4	39 24.02	+7.2623−.2975	−76 14 24.6	+12.845+.807	10.3	4

13573 S.P. $51^s.65$, $38''.8$, 10.3, 9.

13576 $25^s.99$ included.

13570 ($18^s.85$).

13598 $17^s.75$, $17^s.67$, $17^s.61$, $18^s.41$, $17^s.56$; $48''.8$? included.

No.	Name	Mag.	R. A. 1910	Prec. and Sec. Var.	Decl. 1910	Prec. and Sec. Var.	Epoch.	No. Obs.
		M	h m s	s s	° ′ ″	″ ″		
13601	2554	8.2	20 39 25.79	+6.3343−.1959	−72 32 27.3	+12 847+.703	10.4	4
13602	14326	6.9	39 30,44	+3.8038−.0250	−35 29 30.3	+12.852+.420	10.1	4
13603	14174	8.7	39 30.87	+4.0380−.0343	−43 16 16.9	+12.853+.446	9.8	4
13604	2555	7.1	39 32.87	+6.3978−.2024	−72 51 41.8	+12.855+.710	10.0	4
13605	15014	6.5	39 49.16	+3.8075−.0183	−27 34 25.8	+12.873+.398	9.8	4
13606	18155	6.8*	39 53.21	+3.8832−.0208	−30 48 15.0	+12.878+.406	9.5	4
13607	12699	6.6	39 57.82	+4.3429−.0486	−51 7 56.9	+12.883+.480	9.8	4
13608	3135	7.1	40 23.79	+5.7523−.1440	−69 7 10.5	+12.912+.636	9.5	4
13609	16896	9.4	40 26.48	+3.8144−.0186	−27 55 58.1	+12.915+.397	10.0	4
13610	13960	5.5	40 28.38	+3.9158−.0295	−39 31 35.0	+12.917+.431	10.0	11
13611	14396	6.5	40 34.85	+3.8270−.0261	−36 26 48.3	+12.924+.421	9.5	4
13612	15018	4.3	40 46.16	+3.8615−.0169	−25 35 41.8	+12.937+.391	10.0	15,21
13613	3138	5.5	40 47.82*	+5.7464−.1440	−69 6 20.8*	+12.939+.634	9.6	9
13614	13132	7.5	40 54.66	+4.3268−.0482	−50 52 25.0	+12.946+.476	9.5	4
13615	5523	5.9	40 57.08	+3.4814−.0145	−21 50 29.8	+12.949+.382	10.2	8
13616	16262	7.7	40 59.81	+3.8278−.0159	−24 3 7.8	+12.952+.387	10.3	4
13617	13557	7.3	41 0.56	+4.1857−.0413	−47 30 7.0	+12.953+.460	10.3	4
13618	14135	9.6	41 3.03	+4.0696−.0361	−44 21 12.4	+12.956+.447	10.6	4
13619	15024	9.2	41 4.21	+3.8964−.0181	−27 11 30.5	+12.957+.394	10.4	4
13620	15025	6.8	41 4.34	+3.8965−.0181	−27 11 48.1	+12.957+.394	10.4	4
13621	13699	6.8	41 13.00	+4.1347−.0390	−46 11 1.9	+12.967+.454	10.0	4
13622	5526	7.2	41 16.09	+3.4944−.0149	−22 29 30.7	+12.970+.383	10.3	4
13623	15029	8.0	41 21.42	+3.8031−.0183	−27 30 45.2	+12.976+.395	9.8	4
13624	7640	7.6*	41 40.84	+4.8042−.0754	−59 33 52.3	+12.998+.528	9.7	4
13625	1933	8.3	41 51.48	+6.6239−.2302	−74 1 25.4	+13.009+.729	9.8	4
13626	16913	7.6	41 52.27	+3.8138−.0187	−28 1 40.7	+13.010+.395	10.0	4
13627	15264	7.1	41 58.06	+3.8847−.0178	−26 44 42.4	+13.017+.392	9.8	4
13628	14143	6.5	42 12.56	+4.0713−.0365	−44 31 35.3	+13.033+.445	10.1	4
13629	9464	10.2	42 14.61	+4.5520−.0607	−55 32 26.5	+13.035+.499	10.6	4
13630	14145	5.1	42 23.33	+4.0633−.0362	−44 19 1.3	+13.045+.444	9.8	8
13631	16918	7.5	42 28.16	+3.8138−.0188	−28 4 54.6	+13.050+.394	9.9	6
13632	4255	4.5	42 28.98	+2.7855+.0000	+15 47 58.0	+13.051+.303	10.0	5
13633	4018	2.6	42 34.16	+2.3980+.0030	+33 37 57.2	+13.057+.260	10.1	13
13634	14204	7.5	42 34.84	+4.0294−.0348	−43 20 18.0	+13.057+.440	9.6	4
13635	14148	7.0	42 39.86	+4.0723−.0362	−44 18 54.8	+13.063+.444	9.5	4
13636	5506	3.8	42 48.31	+3.2480−.0084	− 9 49 33.0	+13.072+.353	10.0	23,32
13637	13232	8.2	42 48.76	+4.2420−.0447	−49 5 53.3	+13.073+.463	10.0	4
13638	13686	6.8	42 56.81	+4.2194−.0436	−48 33 25.8	+13.082+.460	9.9	4
13639	5378	4.6	42 59.35	+3.1675−.0066	− 5 21 27.7	+13.084+.344	9.9	4
13640	16505	7.9	43 1.85	+3.8059−.0154	−23 10 38.3	+13.087+.382	10.5	5
13641	13573	7.7	43 3.10	+4.1572−.0407	−46 58 49.5	+13.089+.453	10.3	4
13642	16508	7.3	43 6.76	+3.8035−.0154	−23 4 5.4	+13.093+.381	10.3	4
13643	13718	4.9	43 17.51	+4.1404−.0400	−46 33 37.0	+13.105+.451	10.1	4
13644	18202	7.3	43 47.67	+3.8677−.0208	−30 31 27.7	+13.138+.398	9.5	4
13645	9468	9.7	43 52.00	+4.8521−.0616	−55 42 17.9	+13.142+.496	10.0	4
13646	4267	4.5	43 54.13	+2.3352+.0032	+36 9 33.8	+13.145+.251	10.2	8
13647	15282	5.8	43 57.14	+3.8670−.0175	−26 6 50.0	+13.148+.387	10.1	4
13648	15058	8.5	44 2.14	+3.8923−.0183	−27 16 2.6	+13.154+.390	10.0	4
13649	6180[1]	6.6	44 8.20	+5.0309−.0920	−62 45 48.0	+13.160+.548	10.4	6
13650	6180[2]	6.6	44 8.71	+5.0309−.0920	−62 45 48.2	+13.161+.548	10.5	4

13613S.P. $48^{s}.00$, $21^{\prime\prime}.7$, 10.1, 5.

No.	Name	Mag.	R. A. 1910	Prec. and Sec. Var.	Decl. 1910	Prec. and Sec. Var.	Epoch.	No. Obs.
		M	h m s	s s	° ′ ″	″ ″		
13651	6510	8.3	20 44 19.42	+4.9474−.0865	−61 45 4.7	+13.173+.538	10.2	4
13652	14660	5.0	44 20.98	+3.7548−.0241	−34 6 47.8	+13.174+.407	9.6	8
13653	14250	9.0	44 29.26	+3.9456−.0317	−40 55 54.0	+13.184+.428	10.2	4
13654	15116	8.5	44 34.26	+4.0052−.0342	−42 49 23.7	+13.189+.434	10.2	4
13655	927	8.4*	44 40.40	+9.3970−.6396	−80 57 42.7	+13.196+1.03	9.4	4
13656	15065	7.0	44 41.71	+3.6007−.0187	−27 42 4.9	+13.197+.390	10.1	4
13657	16944	9.7	44 58.89	+3.6072−.0189	−28 1 5.9	+13.216+.390	10.7	1
13658	11782	5.2	44 59.98	+4.3560−.0513	−51 56 37.6	+13.217+.472	9.6	6
13659	16945	9.2	45 2.44	+3.6144−.0192	−28 20 39.6	+13.220+.390	10.0	4
13660	16235	7.4	45 6.44	+3.7016−.0222	−32 3 33.6	+13.224+.400	10.3	6
13661	15067	6.6	45 12.01	+3.5474−.0170	−25 18 55.2	+13.230+.383	10.0	4
13662	14250	5.6	45 14.16	+3.8638−.0285	−38 14 54.7	+13.233+.418	10.4	4
13663	16236	6.5	45 14.20	+3.7093−.0225	−32 23 18.2	+13.233+.400	10.1	4
13664	16947	9.0	45 14.75	+3.6133−.0192	−28 18 40.2	+13.233+.390	10.0	4
13665	16949	9.8	45 36.31	+3.6072−.0190	−28 4 20.3	+13.257+.389	10.6	4
13666	5844	7.1	45 42.31	+3.4702−.0146	−21 38 47.1	+13.264+.374	9.8	4
13667	4083	7.3	45 43.99	+5.1765−.1038	−64 32 8.1	+13.265+.560	9.8	4
13668	14263	7.2	45 46.40	+3.9508−.0322	−41 14 32.1	+13.268+.426	10.3	4
13669	15078	8.8	46 1.55	+3.5932−.0186	−27 29 13.2	+13.284+.387	10.0	4
13670	9475	7.7	46 4.73	+4.4302−.0556	−53 36 34.2	+13.288+.478	10.0	4
13671	15080	6.6	46 10.73	+3.5950−.0187	−27 34 50.9	+13.294+.387	10.0	4
13672	16955	6.8	46 11.65	+3.6118−.0192	−28 19 55.8	+13.296+.388	9.8	4
13673	17379	7.0	46 12.31	+3.6447−.0204	−29 46 34.2	+13.296+.392	10.3	4
13674	18223	7.2	46 12.32	+3.6527−.0207	−30 7 3.5	+13.296+.393	9.8	4
13675	9557	7.7	46 14.54	+4.5866−.0648	−56 33 29.3	+13.299+.495	10.2	4
13676	15245	6.0	46 23.49	+3.7344−.0237	−33 30 54.1	+13.308+.402	9.9	6
13677	15082	4.2	46 27.16	+3.5873−.0184	−27 15 22.8	+13.312+.385	10.1	8
13678	7434	7.6	46 35.12	+4.8055−.0786	−60 2 49.0	+13.321+.518	10.4	4
13679	11786	7.4	46 38.64	+4.3529−.0518	−52 3 12.3	+13.325+.468	10.3	4
13680	4619	7.2	46 49.65	+5.0455−.0952	−63 10 30.1	+13.337+.543	10.4	4
13681	3739	5.1	46 53.07	+2.1186+.0030	+43 43 11.4	+13.341+.225	10.3	7
13682	14003	6.9	46 53.94	+3.8932−.0300	−39 26 49.1	+13.342+.418	10.0	4
13683	13609	8.0	46 57.55	+4.1403−.0411	−46 57 24.4	+13.346+.445	10.1	4
13684	9559	8.1	47 5.00	+4.5461−.0628	−55 55 35.9	+13.354+.488	10.0	4
13685	14449	7.2	47 31.40	+3.8183−.0271	−36 51 5.8	+13.382+.409	10.0	4
13686	17913	7.3	47 39.30	+3.6904−.0222	−31 51 9.9	+13.391+.395	10.0	4
13687	14280	8.3	47 40.55	+3.9496−.0326	−41 24 49.7	+13.392+.423	9.8	4
13688	16328	6.2	47 44.58	+3.5177−.0163	−24 7 15.2	+13.397+.376	10.3	4
13689	1464	8.3	47 46.29	+7.1695−.3080	−76 21 44.0	+13.398+.772	9.9	4
13690	7788	3.7	47 47.07	+4.7134−.0734	−58 47 39.3	+13.399+.505	9.8	13
13691	9761	8.8	47 47.14	+4.4371−.0569	−53 55 47.0	+13.399+.475	10.5	1
13692	5598	4.8	47 48.05	+3.2357−.0083	− 9 19 17.7	+13.400+.345	10.0	21,28
13693	14078	5.4	47 49.06	+3.9108−.0310	−40 8 50.2	+13.402+.418	9.8	8
13694	17917	6.5	47 55.16	+3.6708−.0216	−31 3 29.3	+13.408+.392	10.3	4
13695	16969	8.2	47 55.61	+3.6088−.0194	−28 21 48.6	+13.409+.385	10.6	4
13696	3873	8.3	47 57.59	+5.2538−.1117	−65 31 0.0	+13.411+.564	10.0	4
13697	14455	7.2*	47 58.05	+3.8084−.0268	−36 32 4.4	+13.411+.407	10.0	4
13698	12748	6.5	48 9.83	+4.3011−.0497	−51 4 4.1	+13.424+.460	10.2	5
13699	9481	9.9	48 22.07	+4.5319−.0627	−55 48 8.6*	+13.437+.484	10.3	4
13700	15323	7.8	48 35.05	+3.5700−.0181	−26 39 28.8	+13.451+.380	10.3	4

13699 10″.3, 8″.4, 6″.6, 9″.0.

No.	Name	Mag.	R. A. 1910	Prec. and Sec. Var.	Decl. 1910	Prec. and Sec. Var.	Epoch.	No. Obs.
		M	h m s	s s	° ′ ″	″ ″		
13701	11793	7.2	20 48 36.73	+4.3618-.0531	-52 27 31.2	+13.453+.466	10.0	4
13702	13618	7.5	48 38.10	+4.1326-.0413	-46 56 19.0	+13.455+.441	10.0	4
13703	16975	6.5	48 42.93	+3.6050-.0194	-28 15 56.8	+13.460+.384	9.8	5
13704	9765	7.0	48 43.85	+4.4321-.0571	-53 55 52.1	+13.461+.473	10.3	4
13705	16339	7.2	48 44.16	+3.5263-.0167	-24 37 15.2	+13.461+.375	10.3	4
13706	14085	7.2	48 46.64	+3.9113-.0312	-40 16 16.0	+13.464+.417	10.3	4
13707	15326	7.5	49 4.75	+3.5531-.0176	-25 54 59.5	+13.483+.378	10.1	4
13708	6186	9.5	49 9.31	+4.9247-.0884	-61 54 30.6	+13.488+.525	10.1	4
13709	16982	7.6	49 12.19	+3.6041-.0194	-28 16 20.4	+13.491+.383	9.6	4
13710	7793	7.8	49 14.02	+4.6488-.0702	-57 54 47.2	+13.493+.496	10.1	4
13711	7652	7.7	49 21.58	+4.7573-.0772	-59 36 58.5	+13.502+.507	10.1	4
13712	3393	7.2	49 26.36	+5.6143-.1432	-68 46 7.0	+13.507+.599	10.5	4
13713	9484	7.4	49 26.80	+4.5128-.0621	-55 33 52.1	+13.507+.480	9.9	4
13714	16985	9.7	49 32.51	+3.6012-.0193	-28 10 29.1	+13.513+.382	10.3	4
13715	3875	7.7	49 37.33	+5.2161-.1103	-65 16 53.6	+13.518+.556	10.0	4
13716	14103	7.1	49 42.25	+4.0562-.0380	-44 55 6.9	+13.524+.431	10.0	4
13717	5805	5.9	49 42.78	+3.3981-.0128	-18 15 53.7	+13.524+.360	9.7	1
13718	3146	7.1	49 43.61	+5.7094-.1520	-69 29 25.8	+13.525+.609	10.3	4
13719	9772	Var.	49 43.86	+4.4639-.0594	-54 40 2.2	+13.526+.474	9.8	1
13720	2812[1]	7.6	49 55.98	+5.8976-.1699	-70 46 5.2	+13.539+.628	10.5	4
13721	2812[2]	7.7	49 57.52	+5.8974-.1700	-70 46 8.4	+13.540+.628	10.6	1
13722	15334	8.8	50 0.77	+3.5628-.0181	-26 27 19.0	+13.544+.377	9.8	4
13723	16296	7.6	50 18.73	+3.6850-.0224	-31 53 46.8	+13.563+.390	9.7	4
13724	17943	7.6	50 23.51	+3.6836-.0224	-31 50 57.3	+13.568+.390	9.7	4
13725	702	9.3	50 34.40	+11.920-1.239	-83 39 34.8	+13.580+1.27	9.5	4
13726	3911	5.2	50 43.42	+2.5564+.0027	+27 42 53.4*	+13.590+.268	10.0	22,38
13727	936	8.1*	51 8.63	+9.8358-.7631	-81 44 55.4	+13.616+1.05	9.5	4
13728	1673	8.5	51 9.89	+6.9406-.2877	-75 46 23.1	+13.618+.737	9.5	4
13729	2814	6.8	51 26.60	+5.7524-.1582	-69 55 12.2	+13.636+.609	9.6	4
13730	15344	5.8	51 26.62	+3.5639-.0183	-26 38 24.2	+13.636+.375	10.0	4
13731	14214	6.6	51 42.91	+4.0325-.0374	-44 27 3.2	+13.653+.425	9.5	4
13732	14213	9.0	51 43.94	+4.0298-.0373	-44 22 26.4	+13.654+.424	9.5	4
13733	9575	9.6	51 47.47	+4.5307-.0644	-56 8 40.4	+13.658+.478	9.6	4
13734	13728	8.1	51 52.62	+4.1795-.0447	-48 32 35.7	+13.663+.440	9.8	4
13735	4626	6.6	52 13.96	+5.0077-.0968	-63 13 32.4	+13.686+.528	9.9	4
13736	17014	8.9	52 17.75	+3.5936-.0194	-28 5 29.7	+13.690+.377	9.8	4
13737	16382	8.2*	52 23.22	+3.5242-.0170	-24 50 8.0	+13.696+.369	10.1	4
13738	15350	8.6	52 26.80	+3.5608-.0183	-26 35 9.0	+13.700+.373	10.0	4
13739	7660	8.3	52 29.02	+4.7093-.0761	-59 12 25.5	+13.702+.495	10.4	5
13740	14316	7.7	52 30.40	+3.9306-.0330	-41 20 22.0	+13.704+.412	10.3	4
13741	15141	8.7	52 37.55	+3.5253-.0171	-24 54 41.3	+13.711+.369	10.5	4
13742	16330	8.3	52 58.82	+3.6820-.0228	-32 3 8.0	+13.734+.385	10.0	6
13743	1370	8.6	53 13.70	+7.6080-.3841	-77 53 52.7	+13.750+.801	10.0	4
13744	3398	6.5	53 14.58	+5.5488-.1419	-68 33 36.0	+13.751+.583	10.0	4
13745	938	7.3	53 15.78	+9.2457-.6599	-81 2 55.9	+13.752+.975	9.5	4
13746	4134	9.8	53 24.22	+3.0790-.0048	- 0 22 46.7	+13.761+.321	10.7	1
13747	5848	6.2	53 42.94	+3.3295-.0111	-14 49 52.4	+13.781+.347	9.7	2
13748	4364	4.0	53 49.03	+2.2345+.0038	+40 49 12.7*	+13.787+.231	10.2	15
13749	1474	5.2	53 50.89*	+7.4007-.3563	-77 22 4.5*	+13.789+.777	10.2	25
13750	12778	5.9	53 57.66	+4.2966-.0518	-51 37 6.7	+13.796+.449	9.8	4

13749 S.P. $50^s.87$, $4''.1$, 10.2, 11. 13726 ($56''.1$).

13748 $15''.8$, $10''.0$ included.

No.	Name	Mag.	R. A. 1910	Prec. and Sec. Var.	Decl. 1910	Prec. and Sec. Var.	Epoch.	No. Obs.
		M	h m s	s s	° ′ ″	″ ″		
13751	14302	7.4*	20 54 0.35	+3.9881-.0360	-43 21 55.3	+13.799+.416	9.8	4
13752	9785	6.3	54 8.67	+4.4103-.0583	-54 5 20.3	+13.808+.460	10.0	4
13753	15173	8.1	54 10.74	+3.5740-.0190	-27 22 5.6	+13.810+.372	10.0	4
13754	843	6.9	54 15.88	+10.314-.8870	-82 22 59.5	+13.816+1.08	9.5	4
13755	14530	6.1	54 19.01	+3.7883-.0272	-36 28 41.5	+13.819+.394	10.0	11
13756	14788	7.0	54 37.01	+3.7392-.0253	-34 35 4.2	+13.838+.388	9.9	6
13757	14310	9.7	54 38.98	+3.9742-.0355	-43 0 21.4	+13.840+.413	10.0	4
13758	15178	7.9	54 57.45	+3.5793-.0192	-27 41 32.8	+13.859+.371	9.8	4
13759	14501	6.7	55 2.18	+3.7646-.0264	-35 38 29.1	+13.864+.391	10.0	4
13760	13298	7.8	55 4.74	+4.2106-.0475	-49 42 10.9	+13.867+.437	9.8	4
13761	14037	8.6	55 9.92	+3.7965-.0278	-36 53 17.8	+13.872+.394	10.3	4
13762	14542	6.7	55 13.40	+3.7838-.0272	-36 24 25.2	+13.876+.392	9.6	4
13763	14067	7.8	55 18.81	+3.8557-.0303	-39 5 19.7	+13.882+.400	9.9	4
13764	6191	9.0	55 21.14	+4.9032-.0915	-62 13 51.8	+13.884+.510	10.3	4
13765	18336	7.1	55 37.23	+3.6302-.0212	-30 4 46.5	+13.901+.375	10.0	4
13766	14509	7.5	55 37.25	+3.7602-.0263	-35 32 4.4	+13.901+.389	10.0	4
13767	18337	8.0	55 40.37	+3.6306-.0212	-30 6 4.2	+13.904+.375	10.0	4
13768	16353	4.7	55 46.42*	+3.6881-.0235	-32 36 36.0	+13.911+.381	9.8	8,9
13769	5433	6.3	55 49.58	+3.1580-.0066	- 5 4 42.4	+13.914+.326	9.8	5
13770	15341	6.8*	55 53.62	+3.7030-.0241	-33 14 52.2	+13.918+.383	10.5	5
13771	17054	9.7	55 58.92	+3.5850-.0196	-28 3 35.2	+13.924+.370	9.8	4
13772	14049	7.2	56 10.15	+3.7945-.0279	-36 55 36.5	+13.936+.392	10.1	5
13773	17057	7.4	56 10.73	+3.5866-.0197	-28 9 22.6	+13.936+.370	10.0	4
13774	13214	8.3	56 11.51	+4.2319-.0491	-50 21 25.5	+13.937+.438	9.8	4
13775	14325	6.5	56 15.40	+3.9791-.0362	-43 21 9.1	+13.941+.411	9.8	4
13776	516	7.0	56 19.12	+15.454-2.437	-85 33 58.6	+13.945+1.61	9.4	4
13777	14327	6.9	56 20.45	+3.9786-.0362	-43 20 52.7	+13.947+.411	9.8	4
13778	15197	5.9	56 24.89	+3.5664-.0190	-27 14 0.4	+13.951+.367	10.2	5
13779	9978	8.0	56 38.22	+4.3504-.0560	-53 7 15.4	+13.965+.449	9.6	4
13780	14079	5.9	56 41.06	+3.8454-.0302	-38 52 49.7	+13.968+.396	10.1	6
13781	9979	7.8	57 1.92	+4.3540-.0564	-53 14 39.3	+13.990+.449	9.6	4
13782	4090	7.4	57 7.39	+5.0697-.1056	-64 24 12.0	+13.996+.523	10.1	4
13783	14087	7.2	57 11.15	+3.8595-.0309	-39 26 47.3	+14.000+.397	9.8	4
13784	14089	5.4	57 13.14	+3.8465-.0304	-38 59 0.1	+14.002+.395	10.2	21
13785	1133	8.1	57 28.04	+8.2956-.5091	-79 38 4.0	+14.017+.959	10.0	4
13786	17504	6.8	57 32.10	+3.6121-.0208	-29 27 54.4	+14.021+.370	9.9	6
13787	7667	7.5	57 36.15	+4.6799-.0773	-59 17 18.9	+14.026+.482	9.8	4
13788	17077	6.2	57 48.32	+3.5816-.0197	-28 5 9.4	+14.038+.367	10.0	4
13789	13225	6.5	57 53.94	+4.2414-.0503	-50 47 27.6	+14.044+.435	9.8	4
13790	13768	7.0	57 56.80	+4.1432-.0450	-48 18 59.9	+14.047+.425	10.0	4
13791	11815	8.3	57 57.94	+4.3038-.0538	-52 15 6.2	+14.048+.442	9.9	4
13792	15195	7.6	58 0.99	+3.5257-.0177	-25 25 46.7	+14.051+.361	10.2	4
13793	1472	7.9	58 5.40	+6.9924-.3123	-76 20 16.9	+14.056+.721	9.7	4
13794	12801	7.3	58 14.95	+4.2752-.0523	-51 37 52.8	+14.066+.438	9.8	4
13795	3155	7.8	58 15.70	+5.5534-.1485	-69 0 14.1	+14.067+.571	10.5	4
13796	7445	8.6*	58 19.82	+4.7728-.0842	-60 45 36.1	+14.071+.490	10.2	5
13797	13822	7.1	58 25.53	+4.0790-.0418	-46 36 37.8	+14.077+.417	10.2	5,4
13798	1473	6.5	58 26.18	+7.0575-.3220	-76 34 19.4	+14.078+.726	10.4	5
13799	14345	7.3	58 26.40	+3.9735-.0365	-43 26 32.0	+14.078+.406	10.3	4
13800	14270	9.3*	58 30.62	+4.0176-.0387	-44 49 3.0	+14.082+.411	10.1	4

13788 ($46^{s}.64$).

No.	Name	Mag.	R. A. 1910	Prec. and Sec. Var.	Decl. 1910	Prec. and Sec. Var.	Epoch.	No. Obs.
		M	h m s	s s	° ′ ″	″ ″		
13801	16443	7.7	20 58 32.88	+3.5095-.0172	-24 40 42.7	+14.085+.358	10.0	4
13802	9509	5.2	58 37.45	+4.4344-.0619	-55 5 0.4	+14.089+.454	9.8	4
13803	4518	6.4	58 47.00	+2.8291+.0000	+14 22 26.8	+14.099+.287	9.7	1
13804	17089	8.5	58 59.52	+3.5748-.0196	-27 53 19.0	+14.112+.364	9.6	4
13805	6115	4.9	59 17.09	+3.4215-.0143	-20 12 40.9	+14.130+.348	10.1	17
13806	517	7.8	59 21.94	+14.180-2.040	-85 7 25.1	+14.135+1.46	9.5	4
13807	709	7.6	59 24.02	+11.562-1.240	-83 37 54.5	+14.138+1.19	9.5	4
13808	6196	8.8	59 24.57	+4.8657-.0918	-62 9 2.9	+14.138+.497	10.0	4
13809	14086	6.9	59 27.05	+3.8016-.0289	-37 35 13.2	+14.141+.387	10.1	6
13810	2191	8.2	59 32.48	+6.3224-.2314	-73 45 22.6	+14.146+.647	9.8	4
13811	14278	7.1	59 35.34	+3.9829-.0373	-43 52 44.9	+14.149+.405	10.0	4
13812	14186	7.0	59 40.11	+4.0291-.0396	-45 18 25.7	+14.154+.410	10.0	4
13813	16386	8.1	59 41.09	+3.6801-.0238	-32 42 11.1	+14.155+.374	9.6	4
13814	9513	7.5	59 53.41	+4.4387-.0628	-55 18 57.1	+14.168+.452	9.9	4
13815	2192	5.8	59 58.16*	+6.2685-.2259	-73 31 34.4*	+14.173+.640	10.0	11,10
13816	13321	7.4	21 0 4.96	+4.1548-.0464	-48 53 4.6	+14.180+.423	9.8	4
13817	390	7.4	0 5.97	+16.618-2.984	-86 0 40.2	+14.181+1.71	9.6	4
13818	13237	9.4	0 15.80	+4.2101-.0495	-50 19 0.3	+14.191+.428	10.0	4
13819	14598	7.9	0 20.76	+3.7737-.0278	-36 37 5.7	+14.196+.382	10.0	4
13820	7451	6.8	0 22.76	+4.7300-.0826	-60 21 6.9*	+14.198+.481	10.2	5
13821	14379	5.6	0 34.43	+3.9137-.0342	-41 44 43.3	+14.210+.396	10.0	4
13822	18382	5.7	0 35.24	+3.6274-.0218	-30 28 58.2	+14.211+.367	10.0	4
13823	4634	7.8	0 39.05	+4.9466-.0989	-63 18 23.3	+14.215+.502	10.3	4
13824	14374	7.4	0 40.04	+3.8073-.0294	-37 56 50.8	+14.216+.385	10.3	4
13825	14381	8.2	0 46.03	+3.9129-.0342	-41 44 37.6	+14.222+.396	10.3	4
13826	14568	6.8	0 48.81	+3.7316-.0261	-34 59 19.3*	+14.225+.377	10.2	4,3
13827	6174	4.2	0 53.38	+3.3710-.0128	-17 35 27.6	+14.230+.340	9.8	9,11
13828	16398	5.3	0 54.68	+3.6768-.0239	-32 42 6.5	+14.231+.371	9.9	8
13829	4094	5.8	1 4.65	+5.0259-.1056	-64 17 25.1	+14.241+.510	10.6	4
13830	9795	8.6	1 9.20	+4.5202-.0687	-56 59 49.4	+14.246+.458	10.1	4
13831	9803	6.9	1 17.95	+4.3935-.0607	-54 34 34.0	+14.255+.444	10.0	4
13832	16698	7.6	1 38.29	+3.4820-.0166	-23 34 36.8	+14.276+.350	9.7	4
13833	13843	8.4	1 38.65	+4.0485-.0412	-46 7 51.1	+14.276+.408	10.1	4
13834	14296	7.7	1 39.06	+3.9994-.0387	-44 39 11.5	+14.276+.403	10.1	4
13835	3800	3.9	1 39.33	+2.1801+.0042	+43 34 6.4	+14.277+.217	10.3	8
13836	13335	6.8	1 40.80	+4.1631-.0474	-49 18 2.9	+14.278+.420	10.3	4
13837	14200	6.7	1 42.64	+4.0350-.0406	-45 44 27.4	+14.280+.407	10.6	4
13838	14116	7.4*	1 47.19	+3.8332-.0308	-39 3 9.2	+14.285+.386	10.4	4
13839	16700	7.0	1 50.28	+3.4803-.0165	-23 30 38.4*	+14.288+.350	9.8	4,3
13840	15235	4.6	1 51.96	+3.5169-.0178	-25 21 57.8	+14.290+.354	10.0	8
13841	6530	8.4	1 53.17	+4.7939-.0883	-61 26 4.8	+14.291+.484	10.3	4
13842	15253	9.5	1 53.93	+3.5654-.0196	-27 44 41.1	+14.292+.358	10.5	4
13843	13845	7.2	1 56.07	+4.0722-.0426	-46 51 18.0	+14.294+.410	10.1	4
13844	15255	7.1	2 2.57	+3.5632-.0196	-27 39 9.0	+14.300+.358	10.2	5
13845	14121	8.3	2 9.24*	+3.7941-.0291	-37 37 34.5	+14.307+.381	9.6	3,4
13846	18080	7.2	2 16.14	+3.6441-.0228	-31 25 17.0	+14.314+.366	10.1	4
13847	2195	6.2	2 18.34	+6.1148-.2126	-72 54 30.3	+14.316+.618	10.1	4
13848	7812	7.4	2 27.26	+4.5819-.0736	-58 13 45.6	+14.326+.461	10.2	4
13849	9524	8.5	2 27.27	+4.4407-.0643	-55 39 23.7	+14.326+.447	9.8	5,4
13850	4096	6.9	2 39.94	+5.0208-.1065	-64 23 17.9	+14.338+.506	10.3	4

13815 S.P. $58^s.19$, $34''.5$, 10.2, 20.

13820 $6''.7$, $7''.2$, $7''.2$, $5''.2$, $8''.1$.

13826 ($16''.7$).

13839 ($62''.4$).

13845 ($9^s.02$).

No.	Name	Mag.	R. A. 1910	Prec. and Sec. Var.	Decl. 1910	Prec. and Sec. Var.	Epoch.	No. Obs.
		M	h m s	s s	° ′ ″	″ ″		
13851	626[1]	8.4	21 2 45.04	+13.103-1.737	-84 40 57.0	+14.344+1.33	9.5	3,2
13852	626[2]	8.2	2 48.18	+13.100-1.737	-84 40 56.9	+14.347+1.33	9.5	4
13853	4343	5.6	2 51.74	+2.3354+.0045	+38 18 23.4	+14.351+.232	10.1	10
13854	4344	6.3	2 53.24	+2.3356+.0045	+38 18 8.2	+14.352+.232	10.0	9
13855	14129	6.9	3 1.13	+3.7908-.0291	-37 36 21.6	+14.360+.380	10.1	4
13856	16488	7.4	3 17.84	+3.4983-.0173	-24 34 5.6	+14.377+.349	9.8	4
13857	4340	6.5	3 19.71	+2.8178+.0004	+15 17 50.2	+14.379+.280	9.7	2
13858	14311	9.9	3 22.90	+3.9767-.0381	-44 9 48.8	+14.382+.398	9.6	4
13859	12836	7.7	3 23.18	+4.2334-.0520	-51 16 24.6	+14.382+.424	10.0	4
13860	5933	5.3	3 24.40	+3.4402-.0153	-21 33 20.6	+14.384+.343	10.1	4
13861	7677	7.2	3 27.21	+4.6697-.0803	-59 46 20.3	+14.387+.468	9.9	4
13862	17136	7.0	3 36.36	+3.5846-.0206	-28 50 18.7	+14.396+.358	10.0	4
13863	14403	7.0	3 36.75	+3.8069-.0300	-38 17 51.4	+14.396+.380	9.9	4
13864	14135	6.6	3 43.52	+3.7746-.0286	-37 4 2.0	+14.403+.377	10.2	6
13865	14313	6.6	3 46.52	+3.9881-.0388	-44 34 27.5	+14.406+.398	9.9	4
13866	9530	7.9	3 50.75*	+4.3962-.0621	-54 56 19.1*	+14.410+.439	10.5	2
13867	2834	8.1	3 52.61	+5.6996-.1703	-70 31 40.3	+14.412+.571	10.3	4
13868	16495	6.9	3 59.07	+3.4857-.0169	-23 59 29.4	+14.419+.347	10.3	4
13869	14402	6.9	4 14.94	+3.9601-.0375	-43 44 51.7	+14.435+.394	10.6	4
13870	5940	6.2	4 24.35	+3.4267-.0149	-20 55 6.1	+14.444+.340	10.1	10
13871	1000	7.4	4 26.03	+8.7400-.6243	-80 42 55.7	+14.446+.877	9.9	4
13872	5538	4.5	4 41.59	+3.2648-.0098	-11 44 11.9*	+14.462+.323	9.9	26,37
13873	18415	6.6*	4 41.89	+3.6087-.0217	-30 5 12.0	+14.462+.358	9.6	4
13874	627	8.3	4 49.62	+12.940-1.716	-84 38 43.4	+14.470+1.30	9.5	5
13875	15419	7.2	4 50.67*	+3.6781-.0246	-33 12 58.0	+14.471+.365	9.6	4
13876	9807	6.9	4 52.62	+4.4900-.0688	-56 53 1.1	+14.473+.447	10.0	4
13877	2835	5.1	4 55.15*	+5.6823-.1700	-70 29 38.4*	+14.476+.567	9.9	10
13878	11827	7.0	4 59.41	+4.2860-.0558	-52 42 24.7	+14.480+.426	10.0	4
13879	850	8.1	5 5.79	+10.164-.9380	-82 34 43.3	+14.486+1.02	9.5	4
13880	17148	7.9	5 7.61	+3.5815-.0207	-28 51 26.3	+14.488+.355	10.0	4
13881	15233	7.3	5 19.54	+3.4613-.0162	-22 50 40.1	+14.500+.342	9.8	4
13882	7452	7.8	5 35.10	+4.6960-.0837	-60 24 58.5	+14.516+.466	10.0	4
13883	2594	8.1	5 43.20	+5.7822-.1817	-71 13 33.0	+14.524+.575	9.7	4
13884	711	7.4	6 7.84	+11.248-1.226	-83 35 2.5	+14.549+1.12	9.5	4
13885	14216	5.3	6 27.07	+3.8602-.0331	-40 37 56.5	+14.568+.380	9.5	4
13886	11832	7.6	6 27.42	+4.2425-.0538	-51 52 55.7	+14.568+.419	9.6	4
13887	15299	9.1	6 41.97	+3.9032-.0353	-42 10 25.5	+14.583+.384	9.8	4
13888	17166	7.8*	6 57.37	+3.5651-.0203	-28 16 23.6	+14.598+.350	9.9	6
13889	9540	7.1	6 59.28	+4.3979-.0638	-55 21 31.2	+14.600+.433	9.6	4
13890	14668	7.3	7 11.05	+3.7404-.0277	-36 7 52.3	+14.612+.367	10.1	8
13891	14152	5.3	7 17.80	+3.8342-.0321	-39 47 30.4	+14.619+.376	9.9	10
13892	13825	7.0	7 23.55	+4.0848-.0451	-47 55 15.1	+14.624+.401	9.7	4
13893	7455	7.7	7 31.82	+4.6597-.0823	-60 4 48.2	+14.633+.458	10.1	4
13894	9604	8.1	7 36.98	+4.4584-.0682	-56 37 19.6	+14.638+.438	10.1	4
13895	14676	6.1	7 41.82	+3.7552-.0285	-36 47 38.2	+14.643+.368	10.2	5
13896	14425	6.9	7 54.90	+3.9378-.0374	-43 29 58.9	+14.656+.386	10.0	4
13897	17178	5.6	7 57.30	+3.5570-.0201	-27 59 12.9	+14.658+.348	10.0	9
13898	16524	9.6	7 59.50	+3.4873-.0174	-24 28 4.4	+14.660+.340	10.1	4
13899	7682	7.7	8 3.07	+4.6309-.0805	-59 41 2.1	+14.664+.454	10.0	4
13900	15304	7.5	8 4.24	+3.5016-.0180	-25 12 57.0	+14.665+.342	10.1	4

13877S.P. $55^s.38$, $38''.5$, 10.4, 7.

13872 $10''.1$ included.

13866 N.pr. Mean $50^s.88$, $19''.4$, 10.2, 2.

13875 $50^s.82$, $50^s.61$, $50^s.64$, $50^s.59$.

No.	Name	Mag.	R. A. 1910	Prec. and Sec. Var.	Decl. 1910	Prec. and Sec. Var.	Epoch.	No. Obs.
		M	h m s.	s s	° ′ ″	″ ″		
13901	13878	7.0	21 8 16.80	+4.0201−.0418	−46 9 7.8	+14.677+.393	9.8	4
13902	14262	7.8	8 19.75	+3.9782−.0396	−44 51 42.4	+14.680+.389	9.8	4
13903	7683	7.0	8 25.45	+4.6045−.0788	−59 18 0.3	+14.686+.451	10.1	4
13904	14356	9.2	8 26.41	+3.9567−.0385	−44 11 26.7	+14.687+.386	10.1	4
13905	1697	6.8	8 29.33	+6.6453−.2920	−75 43 13.4	+14.690+.653	10.4	4
13906	18458	7.5	8 37.22	+3.5979−.0218	−30 2 2.5	+14.698+.350	10.6	4
13907	9816	9.9	8 39.85	+4.4679−.0694	−56 55 51.7*	+14.700+.437	10.4	4
13908	14647	8.4	8 40.20	+3.7265−.0274	−35 44 45.6	+14.701+.363	9.9	4
13909	14431	7.9	8 43.11	+3.9212−.0367	−43 3 16.6	+14.703+.382	10.1	4
13910	5630	6.9	8 51.62	+3.4501−.0161	−22 35 0.8	+14.712+.335	10.4	4
13911	13387	7.0	8 52.10	+4.1342−.0484	−49 28 11.0	+14.712+.403	10.1	4
13912	7825	6.8	8 56.51	+4.5249−.0735	−58 0 13.8	+14.717+.442	10.4	4
13913	4348	3.4	9 6.33	+2.5520+.0039	+29 51 26.4	+14.726+.246	10.1	20,22
13914	14271	8.2*	9 7.34	+3.9762−.0397	−44 54 28.5	+14.727+.387	10.1	4
13915	10015	5.8	9 20.62	+4.3026−.0588	−53 38 9.4	+14.741+.419	10.2	13
13916	2205	7.5	9 24.37	+6.1100−.2253	−73 24 6.4	+14.744+.597	10.1	4
13917	14440	6.3	9 27.88	+3.8560−.0337	−40 52 45.3	+14.748+.375	9.8	4
13918	15502	8.1	9 29.24	+3.5195−.0188	−26 17 1.7	+14.749+.341	9.8	4
13919	1006	7.6	9 48.10	+8.4669−.5993	−80 29 22.5	+14.768+.829	9.5	4
13920	14175	8.4	9 52.23	+3.8259−.0323	−39 49 32.6	+14.772+.371	10.1	4
13921	5635	7.2	9 53.85	+3.4409−.0159	−22 11 17.7	+14.773+.333	10.3	4
13922	9549	7.7	9 54.09	+4.3737−.0637	−55 13 50.9	+14.774+.425	10.4	4
13923	14699	6.1	10 10.87	+3.7421−.0284	−36 35 4.0	+14.790+.362	9.9	10
13924	2206	9.4	10 13.10	+6.1517−.2319	−73 40 27.4	+14.792+.599	10.3	4
13925	5974	5.4	10 30.65	+3.4187−.0152	−21 1 33.0	+14.810+.330	10.0	8
13926	3900	6.4	10 33.90	+5.0085−.1127	−65 3 23.4	+14.813+.486	9.6	4
13927	6536	8.3	10 40.71	+4.7205−.0891	−61 21 41.3*	+14.820+.457	9.6	4
13928	9835	7.5	10 55.36	+4.3277−.0612	−54 23 32.5	+14.834+.418	9.7	4
13929	4240	3.8	11 11.88	+2.3797+.0051	+37 39 38.2	+14.850+.227	9.9	4
13930	4635	4.1	11 19.51	+2.9960−.0028	+ 4 52 30.9	+14.858+.287	10.2	21,33
13931	13751	9.0	11 26.07	+4.0479−.0444	−47 24 24.0	+14.864+.390	10.0	4
13932	14186	7.6	11 34.95	+3.8092−.0319	−39 25 35.8	+14.873+.366	9.8	4
13933	6537	6.7	11 35.48	+4.7379−.0911	−61 43 8.2	+14.873+.457	10.2	4
13934	6538	9.5	11 38.78	+4.7092−.0889	−61 18 30.6	+14.876+.444	9.6	4
13935	13412	6.4	11 45.07	+4.1058−.0478	−49 5 33.2	+14.882+.395	9.9	4
13936	9822	9.4	11 51.95	+4.4553−.0703	−57 5 31.6	+14.889+.429	10.1	4
13937	14192	6.7*	11 59.44	+3.8023−.0316	−39 12 55.0	+14.896+.365	9.8	4
13938	18175	6.9	12 1.29	+3.6124−.0229	−31 7 19.6	+14.898+.346	10.2	5
13939	4639	8.0	12 16.43	+2.9963−.0028	+ 4 52 34.7	+14.913+.286	9.7	1
13940	6220	9.0	12 17.93	+4.7901−.0958	−62 31 50.3	+14.914+.460	9.8	4
13941	13758	7.0	12 24.48	+4.0423−.0444	−47 22 41.8	+14.921+.387	10.0	4
13942	14294	7.6	12 28.29	+3.9857−.0413	−45 40 3.2	+14.925+.382	9.8	4
13943	16498	4.8	12 29.04	+3.6419−.0243	−32 32 56.5	+14.925+.348	10.2	17,16
13944	14464	6.9	12 33.45	+3.9251−.0380	−43 42 45.6	+14.930+.376	10.3	4
13945	1981	8.9	12 39.73	+6.2299−.2467	−74 14 7.1	+14.936+.599	10.3	4
13946	17682	8.0	12 45.58	+3.5678−.0212	−29 4 15.8	+14.942+.340	10.5	5
13947	519	6.4	12 51.43	+13.671−2.102	−85 11 49.2	+14.947+1.32	9.5	4
13948	13306	6.9	13 2.53	+4.1324−.0499	−49 59 24.1	+14.958+.395	9.6	4
13949	9559	8.2	13 8.22	+4.3396−.0631	−54 56 15.6	+14.963+.415	9.9	4
13950	13423	7.8	13 14.94	+4.1234−.0494	−49 46 36.9	+14.970+.393	10.2	4

13907 52″.5, 52″.8, 49″.8, 51″.7.

13927 42″.0, 39″.7, 41″.7, 41″.9.

No.	Name	Mag.	R. A. 1910	Prec. and Sec. Var.	Decl. 1910	Prec. and Sec. Var.	Epoch.	No. Obs.
		M	h m s	s s	° ′ ″	″ ″		
13951	13762	7.1	21 13 18.74	+4.0399−.0446	−47 25 56.4	+14.974+.385	10.1	4
13952	10037[1]	7.2	13 26.86	+4.2869−.0598	−53 49 35.6	+14.981+.409	10.0	4
13953	10037[2]	4.7	13 27.42	+4.2869−.0598	−53 49 37.6	+14.982+.409	10.0	4
13954	17692	6.4	13 35.36	+3.5673−.0213	−29 8 34.4	+14.990+.339	9.9	4
13955	7691	8.4	13 36.02	+4.5851−.0808	−59 36 13.6	+14.990+.437	9.9	4
13956	16512	7.0	13 36.36	+3.6429−.0245	−32 44 3.4	+14.991+.346	9.9	6
13957	2595	7.0	13 42.62	+5.7940−.1958	−71 57 7.6	+14.997+.554	10.3	4
13958	14469	8.0	13 43.67	+3.8551−.0347	−41 25 53.9	+14.998+.366	10.3	4
13959	1504	8.1	13 44.57	+6.5968−.2986	−75 52 42.4	+14.999+.632	10.5	4
13960	3792	8.0	13 48.42	+5.1655−.1301	−67 2 51.5	+15.002+.493	10.1	4
13961	4431	4.3	13 52.77	+2.3546+.0054	+39 1 1.2	+15.006+.221	10.4	12
13962	7831	7.9	13 56.38	+4.5028−.0749	−58 13 45.0	+15.010+.429	9.8	4
13963	954	8.1	13 59.18	+8.7067−.6710	−81 4 2.0	+15.013+.835	9.5	4
13964	14302	6.2	14 13.79	+3.9695−.0409	−45 24 7.3	+15.027+.377	9.6	4
13965	14479	8.3	14 14.33	+3.8990−.0371	−43 3 29.3	+15.027+.370	9.7	4
13966	4516	6.2	14 30.53	+2.9036−.0007	+10 49 24.9	+15.043+.273	9.7	2
13967	9832	9.6	14 33.14	+4.4326−.0702	−57 0 14.0	+15.046+.421	9.9	4
13968	15541	6.5	14 33.59	+3.5171−.0193	−26 43 26.4	+15.046+.332	10.0	5,4
13969	15377	6.9	14 34.07	+3.5340−.0200	−27 35 20.8	+15.046+.334	10.1	4
13970	9564	9.0	14 53.31	+4.3377−.0638	−55 7 46.0	+15.065+.411	10.2	4
13971	13917	7.5	14 54.12	+3.9916−.0424	−46 11 30.5	+15.066+.377	10.0	4
13972	9833	9.8	14 54.33*	+4.4421−.0711	−57 13 51.3	+15.066+.421	10.5	4
13973	1494	7.8	14 59.30	+6.8621−.3409	−76 54 33.7	+15.071+.653	10.3	4
13974	14475	4.9	15 0.50	+3.8436−.0344	−41 11 25.7	+15.072+.363	9.7	8
13975	13325	6.4	15 6.50	+4.1339−.0508	−50 18 55.7	+15.078+.391	9.8	4
13976	11855	6.8	15 8.44	+4.2049−.0552	−52 7 55.0	+15.079+.398	10.0	4
13977	7468	7.8	15 30.88	+4.6100−.0840	−60 14 43.0	+15.101+.436	9.8	4
13978	11859	7.2	15 48.02	+4.2063−.0556	−52 15 28.7	+15.117+.396	9.5	4
13979	5992	7.1	15 56.46	+3.4127−.0154	−21 12 5.1	+15.126+.320	10.1	4
13980	12914	7.5	15 56.74	+4.1753−.0537	−51 30 22.9	+15.126+.393	9.6	4
13981	9630	7.6	16 3.82	+4.3801−.0674	−56 9 58.0	+15.133+.412	10.0	4
13982	715	7.1	16 7.86	+10.672−1.171	−83 25 24.5	+15.136+1.01	9.6	4
13983	2844	6.1	16 8.62	+5.4952−.1663	−70 7 4.9	+15.137+.519	10.3	4
13984	7835	7.8	16 10.97	+4.4826−.0748	−58 9 4.6	+15.139+.422	9.7	4
13985	9838	10.1	16 26.79	+4.4292−.0711	−57 11 7.9	+15.154+.416	10.4	4
13986	4712	9.3	16 28.40	+3.0617−.0043	+ 0 42 20.4	+15.156+.286	10.7	1
13987	17721	6.6*	16 28.66	+3.5684−.0217	−29 32 53.9	+15.156+.334	10.1	8
13988	14432	8.8	16 39.14	+3.9321−.0396	−44 31 40.6	+15.166+.368	10.2	5,4
13989	2215	7.5	16 39.81	+5.9272−.2167	−72 58 48.3	+15.167+.559	10.3	4
13990	13877	7.1	16 40.62	+4.0719−.0476	−48 50 13.4	+15.168+.382	10.3	4
13991	2598	6.1	16 44.58	+5.7906−.2005	−72 11 4.7	+15.172+.545	10.3	4
13992	3418	7.1	16 46.96	+5.3029−.1470	−68 37 1.2	+15.174+.499	10.4	4
13993	11862	7.8	16 47.14	+4.2035−.0559	−52 19 30.9	+15.174+.394	9.5	4
13994	1013	7.4	16 56.48	+8.1846−.5801	−80 18 47.8	+15.183+.773	9.8	4
13995	15412	9.6	17 3.70	+3.8666−.0362	−42 19 11.2	+15.190+.361	10.1	4
13996	9636	7.5	17 8.71	+4.3612−.0666	−55 55 26.9	+15.194+.408	10.1	4
13997	6245	4.3	17 14.24	+3.3425−.0129	−17 13 5.5	+15.200+.311	9.9	5
13998	17732	7.5*	17 20.05	+3.5717−.0220	−29 49 8.6	+15.205+.333	9.9	4
13999	6549	8.2	17 40.83	+4.6785−.0909	−61 34 22.2	+15.225+.437	10.4	5
14000	18229	7.6	17 40.97	+3.5990−.0232	−31 11 55.9	+15.225+.335	10.1	4

13972 $54^{s}.10$, $54^{s}.48$, $54^{s}.43$, $54^{s}.30$.

No.	Name	Mag.	R. A. 1910	Prec. and Sec. Var.	Decl. 1910	Prec. and Sec. Var.	Epoch.	No. Obs.
		M	h m s	s s	° ′ ″	″ ″		
14001	16877	5.7	21 17 51.08	+3.4422−.0167	−23 3 13.0	+15.235+.320	10.1	4
14002	4691	4.2	17 55.44	+2.7664+.0020	+19 25 8.6	+15.239+.256	9.8	7,16
14003	14519	7.5	17 57.28	+3.7535−.0306	−38 6 47.1	+15.241+.349	9.8	4
14004	9846	7.4	18 8.69	+4.4414−.0729	−57 38 31.0	+15.251+.414	9.8	4
14005	13796	6.5	18 22.05	+4.0015−.0441	−47 0 0.7	+15.264+.372	10.0	4
14006	14328	7.6	18 22.31	+3.8102−.0335	−40 24 53.7	+15.264+.354	9.7	4
14007	14503	5.9	18 40.78	+3.8348−.0349	−41 23 34.2	+15.282+.355	10.0	4
14008	15399	6.7	18 42.40	+3.4866−.0186	−25 35 15.9	+15.283+.322	10.0	4
14009	16889	6.5	18 58.98	+3.4414−.0168	−23 7 59.1	+15.299+.318	9.9	4
14010	3918	4.3	19 0.96*	+4.9914−.1193	−65 46 26.1*	+15.301+.464	10.2	30,29
14011	15588	8.0	19 1.17	+3.4926−.0198	−25 56 49.5	+15.301+.322	10.1	4
14012	6007	5.5	19 3.53	+3.4080−.0155	−21 14 6.0	+15.303+.314	10.3	4
14013	16624	6.7	19 8.72	+3.4714−.0180	−24 48 30.3	+15.308+.320	10.6	4
14014	14761	7.1*	19 9.15	+3.6846−.0274	−35 21 13.4	+15.308+.340	10.2	5
14015	16890	7.4	19 12.72	+3.4507−.0172	−23 40 37.6	+15.312+.318	10.4	4
14016	716	6.5	19 19.35	+10.171−1.064	−83 4 34.4	+15.318+.950	9.5	4
14017	9644	8.1	19 27.76	+4.3630−.0680	−56 16 32.0	+15.326+.404	9.9	4
14018	14332	7.2	19 29.39	+3.9505−.0415	−45 32 55.7	+15.327+.365	9.6	4
14019	13804	7.4	19 43.72	+3.9986−.0444	−47 6 33.5	+15.341+.369	9.6	4
14020	14765	7.0	19 45.42	+3.6802−.0273	−35 14 32.0	+15.342+.339	9.6	4
14021	9586	6.2	19 50.67	+4.3026−.0640	−55 2 58.6	+15.347+.397	9.8	9
14022	14463	8.0	20 0.75	+3.9068−.0392	−44 9 53.8	+15.357+.360	10.0	4
14023	14794	7.7	20 17.86	+3.7008−.0284	−36 13 28.6	+15.373+.340	9.6	4
14024	3800	7.6	20 25.26	+5.1099−.1321	−67 11 0.1	+15.380+.471	10.1	4
14025	15415	7.7	20 35.26	+3.4833−.0186	−25 37 35.3	+15.389+.319	10.1	4
14026	16641	6.6	20 37.95	+3.4575−.0176	−24 12 36.7	+15.392+.316	10.3	4
14027	13954	7.0	20 41.07	+3.9730−.0432	−46 27 12.6	+15.394+.364	10.3	4
14028	2850	5.5	20 43.13*	+5.4105−.1635	−69 53 40.9*	+15.396+.499	9.7	9,8
14029	14338	8.0	20 43.87	+3.9353−.0410	−45 14 5.3	+15.397+.361	10.5	4
14030	14551	5.7	20 45.65	+3.7463−.0308	−38 13 5.1	+15.399+.343	9.8	10
14031	15418	7.1	20 56.03	+3.4688−.0181	−24 52 21.5	+15.408+.317	10.2	4
14032	15421	9.0*	21 7.56*	+3.4684−.0181	−24 52 13.0	+15.419+.317	10.5	3,4
14033	859	7.6	21 12.24	+9.4039−.8799	−82 19 16.9	+15.424+.869	9.6	4
14034	14539	5.6	21 15.50	+3.8666−.0373	−42 56 17.0	+15.427+.353	9.8	4
14035	6016	7.3	21 15.78	+3.4068−.0156	−21 23 17.3	+15.427+.311	10.3	4
14036	1710	8.0	21 21.17	+6.3934−.2889	−75 35 42.4	+15.432+.588	10.5	4
14037	17777	8.3	21 23.95	+3.5530−.0217	−29 24 3.0	+15.434+.324	10.1	6
14038	15388	3.9	21 31.87	+3.4308−.0166	−22 48 6.0	+15.442+.312	9.9	16,26
14039	1017	6.7	21 31.91	+8.1286−.5923	−80 25 59.2	+15.442+.749	9.5	4
14040	11877	6.7	21 55.36	+4.1886−.0572	−52 41 35.3	+15.464+.382	9.6	4
14041	9861	9.6	22 5.38	+4.4082−.0728	−57 32 18.2	+15.473+.402	9.8	4
14042	6020	6.0	22 8.78	+3.4086−.0157	−21 35 9.3	+15.476+.309	10.1	8
14043	17287	7.5*	22 16.18	+3.5261−.0207	−28 7 4.4	+15.483+.320	10.0	6
14044	1152	7.8	22 18.17	+7.4135−.4577	−78 56 16.3	+15.485+.680	9.9	4
14045	6556	9.4	22 34.03	+4.6294−.0906	−61 26 13.2	+15.500+.421	9.6	4
14046	9872	6.5	22 40.08	+4.2426−.0612	−54 5 50.3	+15.505+.385	9.6	4
14047	5691	7.9	23 5.11	+3.4159−.0162	−22 6 40.1	+15.528+.308	9.5	4
14048	1994	7.9	23 33.62	+6.0691−.2488	−74 17 14.2	+15.555+.552	9.6	4
14049	9656	8.4	23 34.94	+4.3543−.0697	−56 40 15.8	+15.556+.394	9.6	4
14050	5692	4.6	23 35.67	+3.4165−.0162	−22 11 58.4	+15.556+.308	10.0	8

14010 S.P. $1^s.03$, $27''.6$, 9.9, 10, 9.

14028 S.P. $43^s.10$, $41''.6$, 10.2, 22.

14032 ($7^s.87$).

No.	Name	Mag.	R. A. 1910	Prec. and Sec. Var.	Decl. 1910	Prec. and Sec. Var.	Epoch.	No. Obs.
		M	h m s	s s	° ′ ″	″ ″		
14051	18291	6.7*	21 23 41.31	+3.5914−.0238	−31 37 51.7*	+15.562+.324	10.1	15
14052	4164	5.4	23 42.05	+2.6393+.0042	+27 12 58.6	+15.562+.236	10.5	8
14053	6236	7.3	23 47.28	+4.6941−.0970	−62 33 34.7	+15.567+.425	9.8	5
14054	11886	7.8	23 51.53	+4.1705−.0568	−52 31 39.6	+15.571+.376	9.8	4
14055	6237	8.9	23 51.80	+4.6985−.0974	−62 37 59.9	+15.571+.425	9.8	5
14056	14569	7.5	23 55.17	+3.7413−.0312	−38 28 41.4	+15.574+.337	9.9	4
14057	14505	7.1	24 3.16	+3.8816−.0389	−43 53 59.2	+15.582+.349	10.2	4
14058	1716	8.5	24 9.82	+6.3952−.2963	−75 48 27.9	+15.588+.580	10.0	4
14059	9870	8.9	24 10.64	+4.3795−.0719	−57 15 54.3	+15.588+.395	10.3	4
14060	14572	7.3*	24 15.61	+3.7307−.0308	−38 5 4.1	+15.593+.335	9.6	4
14061	14506	7.3	24 22.98	+3.8964−.0399	−44 28 7.6	+15.600+.350	10.1	4
14062	7704	7.8	24 27.43	+4.5141−.0825	−59 48 5.8	+15.604+.407	10.1	4
14063	9873	8.2	24 29.45	+4.3781−.0720	−57 16 46.4	+15.606+.394	10.0	4
14064	9875	9.8	24 34.10	+4.3914−.0730	−57 33 19.0	+15.610+.395	10.4	4
14065	2856	7.4	24 45.38	+5.3595−.1636	−69 53 6.7	+15.620+.483	10.1	4
14066	16686	8.4*	25 12.86	+3.4590−.0181	−24 49 18.9	+15.645+.309	9.8	4
14067	15459	7.4	25 14.26	+3.4726−.0187	−25 35 15.4	+15.646+.310	9.6	4
14068	14317	7.6	25 25.90	+3.7001−.0294	−36 56 34.3	+15.657+.330	10.1	8
14069	15647	7.4	25 31.64	+3.4812−.0191	−26 6 18.8	+15.662+.310	9.8	4
14070	9881	9.1	25 40.39	+4.3909−.0736	−57 41 59.8	+15.670+.393	10.0	4
14071	3558	5.3	26 7.66	+2.2073+.0065	+46 8 36.3	+15.695+.194	10.2	9
14072	7485	7.6	26 15.95	+4.5170−.0840	−60 5 48.7	+15.703+.403	9.8	4
14073	14550	5.4	26 24.31	+3.8089−.0355	−41 34 34.9	+15.710+.338	10.3	4
14074	15465	7.8	26 27.98	+3.4718−.0188	−25 41 50.2	+15.713+.308	9.6	4
14075	14392	8.5	26 32.44	+3.7832−.0341	−40 35 25.6	+15.718+.336	10.5	4
14076	15467	7.2	26 39.31	+3.4734−.0189	−25 48 32.5	+15.724+.308	10.3	4
14077	9886	10.0	26 45.40*	+4.3873−.0740	−57 47 0.1	+15.729+.390*	10.6	4
14078	15110	6.0	26 48.16	+3.6384−.0266	−34 20 29.6	+15.732+.322	10.0	10
14079	5770	3.1	26 49.33	+3.1591−.0071	− 5 58 3.3	+15.733+.279	9.9	51,73
14080	10092	6.4	27 4.20	+4.1754−.0587	−53 8 6.8	+15.746+.370	10.0	4
14081	9888	8.2	27 7.37	+4.3693−.0729	−57 28 47.0	+15.749+.387	9.8	4
14082	6035	8.6	27 20.31	+3.3954−.0157	−21 21 6.8	+15.761+.299	10.1	4
14083	15479	6.4	27 22.28	+3.4573−.0183	−24 59 17.0	+15.763+.305	10.3	4
14084	9234	9.4	27 32.93	+3.0751−.0045	− 0 10 34.3	+15.772+.270	10.7	1
14085	14367	5.7	27 33.84	+3.9044−.0413	−45 14 48.8	+15.773+.345	9.9	4
14086	1158	6.3	27 44.49	+7.6722−.5306	−79 50 38.7	+15.782+.683	10.2	4
14087	11894	8.0	28 5.87	+4.1396−.0567	−52 22 57.1	+15.802+.365	9.6	4
14088	13854	7.1	28 7.16	+3.9545−.0446	−47 0 30.8	+15.803+.348	9.6	4
14089	17347	7.5	28 14.06	+3.5147−.0210	−28 17 14.9	+15.809+.308	9.9	6
14090	14602	6.4	28 32.67	+3.8462−.0382	−43 19 26.7	+15.826+.337	9.6	4
14091	4687	7.4	28 41.86	+4.7068−.1022	−63 22 4.1	+15.834+.414	9.7	4
14092	11896	6.8	28 45.68	+4.1297−.0563	−52 13 32.0	+15.837+.362	9.6	4
14093	9898	9.8	28 46.32	+4.3723−.0741	−57 46 41.2	+15.838+.384	9.7	4
14094	17354	8.5	28 53.32	+3.5133−.0210	−28 17 57.0	+15.844+.307	9.9	6
14095	13411	8.3	28 53.52	+4.0548−.0513	−50 11 25.6	+15.844+.355	9.5	4
14096	7488	7.9	28 59.57	+4.4950−.0841	−60 5 35.9	+15.850+.394	9.9	4
14097	14356	6.9	29 9.05	+3.6896−.0297	−37 2 49.0	+15.858+.322	9.9	6
14098	18703	6.6	29 34.66	+3.5452−.0226	−30 5 46.5	+15.881+.309	9.6	4
14099	15135	6.8	29 47.13	+3.6371−.0271	−34 43 40.3	+15.892+.316	9.9	4
14100	6237	5.8	29 47.88	+3.3768−.0151	−20 29 9.5	+15.893+.293	10.0	9

14051 49″.5, 53″.9 included.

14077 45ˢ.25, 45ˢ.38, 45ˢ.63, 45ˢ.35.

No.	Name	Mag.	R. A. 1910	Prec. and Sec. Var.	Decl. 1910	Prec. and Sec. Var.	Epoch.	No. Obs.
		M	h m s	s s	° ′ ″	″ ″		
14101	16729	6.4	21 30 7.22	+3.4320−.0175	−23 51 18.7	+15.910+.298	10.0	4
14102	16995	8.3	30 14.88	+3.4261−.0173	−23 31 9.8	+15.917+.297	9.5	4
14103	2861	6.9	30 25.42	+5.3063−.1656	−70 1 58.8	+15.926+.463	9.6	4
14104	12998	7.2	30 31.90	+4.0828−.0538	−51 14 34.4*	+15.932+.354	9.5	4,3
14105	12999	7.8	30 31.92	+4.1033−.0552	−51 48 9.3	+15.932+.356	9.9	4
14106	3937	6.3	30 52.54*	+4.8266−.1154	−65 13 38.8*	+15.950+.419	9.6	8
14107	15702	5.8	30 58.00	+3.4772−.0196	−26 34 23.7	+15.955+.300	10.1	8
14108	6248	8.5	31 4.36	+4.6362−.0978	−62 39 25.7	+15.960+.402	10.1	4
14109	396[1]	8.4	31 6.18*	+15.410−3.286	−86 15 3.2*	+15.962+1.35	9.5	1
14110	396[2]	8.8	31 9.08*	+15.402−3.284	−86 14 58.4*	+15.965+1.35	9.6	3
14111	14887	8.5	31 22.16	+3.6652−.0289	−36 17 19.2	+15.976+.316	10.0	4
14112	15664	6.1	31 24.74	+3.6057−.0258	−33 27 3.4	+15.978+.311	10.0	4
14113	14888	7.4*	31 28.66	+3.6648−.0289	−36 17 13.9	+15.982+.316	10.2	6
14114	1510	3.7	31 30.37*	+6.7999−.3830	−77 47 24.7*	+15.983+.591	10.2	25
14115	2005	7.4	31 45.37	+5.9738−.2536	−74 29 7.4	+15.996+.518	10.0	4
14116	14022	7.3	31 53.50	+3.9055−.0428	−45 59 11.5	+16.004+.336	10.0	4
14117	6251	4.7	32 2.62	+3.3631−.0148	−19 52 11.0	+16.012+.288	9.7	5,4
14118	2623	7.8	32 6.33	+5.5328−.1954	−71 54 27.7	+16.015+.478	10.1	4
14119	5701	4.8	32 57.72	+3.1886−.0082	− 8 15 29.8	+16.060+.271	10.0	38,51
14120	15722	7.4	32 59.87	+3.4599−.0190	−25 51 0.4	+16.062+.295	10.1	5
14121	2624	8.1	33 0.25	+5.4231−.1833	−71 12 48.1	+16.062+.466	9.9	4
14122	14598	8.2	33 2.65	+3.7786−.0355	−41 27 11.4	+16.064+.323	9.8	4
14123	18747	7.6	33 6.71	+3.5347−.0226	−30 2 46.6	+16.068+.301	10.3	4
14124	17391	7.8	33 16.94	+3.5023−.0210	−28 17 56.7	+16.077+.298	10.5	5
14125	4612	5.1	33 20.40	+2.4027+.0073	+40 0 31.7	+16.080+.202	10.2	8
14126	11910	8.0	33 34.68	+4.0917−.0558	−51 58 43.0	+16.092+.349	9.9	4
14127	7875	7.2	33 37.50	+4.3399−.0745	−57 50 49.8	+16.095+.370	10.0	4
14128	15163	6.3	33 41.59	+3.6114−.0265	−34 5 2.0	+16.098+.307	10.2	5
14129	9924	9.8	33 42.51	+4.3290−.0737	−57 38 12.7	+16.099+.369	10.4	4
14130	13015	8.1	33 48.30	+4.0517−.0531	−50 53 49.4	+16.104+.345	10.3	4
14131	15528	7.6	33 48.75	+3.4412−.0183	−24 51 18.1	+16.104+.292	10.6	4
14132	11911	6.3	33 51.43	+4.1194−.0579	−52 45 56.8	+16.107+.351	10.3	4
14133	15550	6.7	33 54.17	+3.4903−.0206	−27 42 38.4	+16.109+.296	9.9	4
14134	14645	6.9	34 0.90	+3.8099−.0376	−42 51 8.2	+16.115+.324	9.8	4
14135	14647	6.9	34 9.28	+3.8272−.0387	−43 32 19.7	+16.122+.325	10.1	4
14136	9700	6.4	34 13.17	+4.2560−.0682	−56 8 43.1	+16.126+.362	9.9	4
14137	14602	9.3	34 25.30	+3.7594−.0348	−40 54 3.1	+16.136+.318	10.3	4
14138	14649	10.0	34 28.25	+3.8125−.0379	−43 1 40.6	+16.138+.323	10.2	2
14139	14650	10.0	34 32.06	+3.8124−.0379	−43 2 15.0	+16.142+.323	10.3	3
14140	7877	8.0	34 35.21	+4.3475−.0757	−58 8 45.2	+16.145+.369	9.8	4
14141	15536	8.2	34 45.11	+3.4522−.0189	−25 37 47.1	+16.153+.291	9.9	4
14142	13560	7.7	34 45.61	+3.9868−.0491	−49 7 22.7	+16.154+.337	10.0	4
14143	14604	9.5	34 50.11	+3.7574−.0348	−40 53 11.7	+16.158+.317	10.7	1
14144	14605	7.0	34 51.12	+3.7745−.0358	−41 35 30.2	+16.158+.319	10.3	4
14145	633	7.6	34 58.97	+11.097−1.529	−84 22 30.0	+16.165+.950	9.5	4
14146	14906	6.7	35 2.51	+3.6245−.0274	−34 56 24.1	+16.168+.306	10.1	4
14147	6340	3.8	35 6.39	+3.3150−.0130	−17 4 9.5*	+16.172+.279	9.9	19,25
14148	14910	8.2*	35 30.58	+3.6227−.0274	−34 55 42.3*	+16.192+.304	10.1	4
14149	7880	8.6	35 50.83	+4.3319−.0752	−58 1 21.3	+16.210+.365	9.6	4
14150	14930	7.0*	35 51.87	+3.6436−.0286	−35 59 38.5	+16.211+.306	9.9	4

14106 S.P. $52^s.65$, $40''.7$, 9.9, 6.

14104 ($32''.1$).

14147 $11''.2$, $7''.6$ included.

14114 S.P. $30^s.42$, $24''.8$, 9.8, 10.

14109-10 Mean $9^s.05$, $1''.9$, 9.6, 1.

14148 $43''.7$, $41''.4$, $41''.0$, $43''.1$

No.	Name	Mag.	R. A. 1910	Prec. and Sec. Var.	Decl. 1910	Prec. and Sec. Var.	Epoch.	No. Obs.
		M	h m s	s s	° ′ ″	″ ″		
14151	14042	8.4	21 35 58.23	+3.8909−.0432	−46 10 3.6	+16.216+.326	10.2	5
14152	16770	9.3*	36 1.15	+3.4361−.0183	−24 50 17.5	+16.218+.288	10.5	4
14153	3440	7.1	36 3.66	+5.0634−.1458	−68 28 30.8	+16.221+.427	10.0	4
14154	721	7.0	36 11.70	+9.3244−.9834	−82 50 48.8	+16.228+.791	9.6	4
14155	15706	7.0	36 17.70	+3.5806−.0254	−32 56 19.5	+16.233+.299	10.0	5
14156	13446	7.8	36 21.06	+4.0235−.0522	−50 30 12.6	+16.236+.337	10.0	4
14157	5745	7.8	36 25.09	+3.3945−.0165	−22 20 15.1	+16.239+.283	10.0	4
14158	528	6.7	36 26.50	+12.920−2.262	−85 27 5.0	+16.240+1.10	9.5	4
14159	5746	7.8	36 28.24	+3.3901−.0163	−22 4 19.4	+16.242+.283	10.4	4
14160	15545	6.5	36 36.84	+3.4460−.0188	−25 30 40.8	+16.249+.287	10.2	4
14161	6102	5.3	36 39.38	+3.2741−.0114	−14 26 56.6	+16.251+.273	9.8	1
14162	17407	7.8	36 51.16*	+3.4898−.0209	−28 5 52.3	+16.261+.291	10.6	4
14163	15711	7.2	36 51.49	+3.5784−.0254	−32 55 0.1	+16.262+.298	10.6	4
14164	17057	5.3	36 53.37	+3.4150−.0174	−23 40 13.4	+16.263+.284	10.2	8
14165	15756	7.5	36 53.74	+3.4581−.0194	−26 16 10.7	+16.264+.288	10.6	4
14166	14686	7.4	36 58.07	+3.6902−.0314	−38 20 35.4	+16.267+.308	10.4	4
14167	7886	9.0	37 0.36	+4.3371−.0765	−58 18 28.8	+16.269+.362	10.4	4
14168	722	5.4	37 12.86*	+9.5483−1.057	−83 8 1.7*	+16.280+.805	10.0	27,45
14169	14601	6.8	37 17.92	+3.8227−.0394	−43 54 19.2	+16.284+.318	10.3	4
14170	9939	7.9	37 20.76	+4.3088−.0743	−57 46 43.0	+16.286+.359	10.2	4
14171	6259	7.2	37 26.35	+4.5700−.0971	−62 31 31.2	+16.291+.381	10.4	4
14172	2632	6.2	37 30.97	+5.3881−.1863	−71 25 15.1	+16.295+.451	10.0	4
14173	9940	6.8	37 35.68	+4.3048−.0741	−57 44 7.6	+16.299+.358	10.0	4
14174	9929	8.3	37 36.87	+4.1586−.0626	−54 23 20.9	+16.300+.346	10.2	4
14175	9941	7.0	37 37.20	+4.3026−.0740	−57 41 35.2	+16.300+.358	10.0	4
14176	9670	7.2	37 41.15	+4.1793−.0642	−54 54 40.4	+16.304+.348	9.9	5
14177	9671	7.8	37 45.49	+4.2020−.0660	−55 28 3.1	+16.307+.349	9.8	4
14178	9716	7.0	38 0.71	+4.2180−.0674	−55 53 4.2	+16.320+.350	9.9	4
14179	16790	7.2	38 12.95	+3.4266−.0181	−24 33 9.7	+16.331+.283	9.8	4
14180	2633	8.7	38 17.02	+5.3876−.1875	−71 29 52.1	+16.334+.448	10.1	4
14181	14405	6.3	38 57.40	+3.6964−.0323	−38 57 40.0	+16.368+.304	9.8	10
14182	13052	8.4	39 12.77	+4.0189−.0531	−50 51 28.2	+16.381+.331	9.6	4
14183	3444	7.2	39 15.07	+4.9796−.1405	−68 0 36.2	+16.383+.411	9.9	4
14184	13463	6.5	39 21.30	+3.9869−.0509	−49 54 48.3	+16.388+.328	9.8	4
14185	15571	7.3	39 23.76	+3.4366−.0187	−25 19 18.3	+16.390+.282	9.8	4
14186	14412	7.5*	39 26.26	+3.6922−.0321	−38 51 14.2	+16.392+.303	9.8	4
14187	4703	7.0	39 31.14	+4.5790−.0997	−62 57 47.3	+16.396+.377	10.6	4
14188	2237	7.7	39 33.66	+5.6018−.2181	−73 5 48.4	+16.399+.463	10.2	4
14189	15734	4.4	39 35.37	+3.5800−.0259	−33 26 12.8	+16.400+.293	10.2	20,19
14190	6264	9.0	39 41.74	+4.5309−.0953	−62 13 45.4	+16.405+.373	10.1	4
14191	4891	2.5	39 45.95	+2.9446−.0005	+ 9 27 43.1	+16.409+.240	9.9	31,48
14192	1418	7.8	40 3.09	+6.8856−.4298	−78 38 14.3	+16.423+.569	9.8	4
14193	7892	9.1	40 10.24	+4.3177−.0768	−58 24 40.5	+16.429+.354	9.9	4
14194	17438	7.5	40 15.69	+3.4887−.0213	−28 32 26.6	+16.434+.284	10.2	5
14195	17984	8.0	40 18.68	+3.4990−.0219	−29 8 17.5	+16.436+.285	9.9	4
14196	6265	8.1	40 20.75	+4.5501−.0977	−62 37 51.2	+16.438+.373	10.6	4
14197	13920	7.6	40 24.04	+3.9163−.0465	−47 49 3.1	+16.441+.320	9.9	4
14198	4463	4.3	40 34.17	+2.7126+.0048	+25 13 51.5	+16.449+.219	9.9	5
14199	15744	6.8*	41 3.63	+3.5695−.0256	−33 7 45.3	+16.474+.290	10.2	8
14200	14065	7.7*	41 4.21	+3.8835−.0445	−46 48 16.8	+16.474+.316	9.5	4

14168S.P. $12^s.91$, $1''.9$, 10.1, 22, 40, $(59''.6)$. 14162 $51^s.16$, $51^s.17$, $51^s.00$, $51^s.30$.

14168 $(59''.1)$ $(59''.7)$.

No.	Name	Mag.	R. A. 1910	Prec. and Sec. Var.	Decl. 1910	Prec. and Sec. Var.	Epoch.	No. Obs.
		M	h m s	s s	° ′ ″	″ ″		
14201	7897	9.1	21 41 32.48	+4.3092−.0770	−58 27 19.0	+16.498+.350	9.8	4
14202	3586	7.0	41 39.56	+4.7699−.1207	−65 55 11.7*	+16.504+.388	9.6	4
14203	6087	5.4	41 41.48	+3.2307−.0100	−11 46 53.3	+16.505+.260	9.6	4
14204	6587	9.4	41 47.59	+4.4542−.0900	−61 15 6.0	+16.510+.361	10.0	4
14205	10151	7.6	41 48.38	+4.0910−.0596	−53 20 41.8	+16.511+.331	9.6	4
14206	5943	3.0	42 4.53	+3.2972−.0127	−16 32 10.0	+16.524+.265	9.9	15,21
14207	14729	6.9	42 5.57	+3.6714−.0316	−38 22 5.1	+16.525+.296	10.0	4
14208	14497	7.5	42 17.90	+3.7049−.0336	−39 55 42.7	+16.535+.298	9.9	4
14209	13929	8.7	42 24.64	+3.9022−.0463	−47 41 59.0	+16.541+.314	9.6	4
14210	13928	5.7	42 24.86	+3.9026−.0463	−47 42 48.1	+16.541+.314	9.6	4
14211	14498	8.7	42 25.68	+3.7210−.0346	−40 39 51.4	+16.542+.299	10.3	4
14212	18466	5.1	42 27.45	+3.5317−.0239	−31 18 54.9	+16.543+.284	10.0	11,10
14213	17454	7.4	42 29.08	+3.4766−.0210	−28 10 2.0	+16.544+.279	10.6	5
14214	9743	6.7	42 37.23	+4.2200−.0702	−56 41 29.5	+16.551+.340	10.3	4
14215	4414	5.5	42 40.16	+3.0426−.0032	+ 2 16 10.4	+16.554+.243	9.6	4
14216	14013	7.0	42 44.27	+3.9149−.0472	−48 11 35.2	+16.557+.315	10.3	4
14217	13070	7.5	42 57.59	+4.0280−.0554	−51 46 58.1	+16.568+.324	10.1	4
14218	15812	7.7	43 0.07	+3.4442−.0195	−26 17 41.4	+16.570+.276	10.4	4
14219	3951	5.6	43 2.14*	+4.6947−.1144	−65 7 48.4*	+16.572+.378	9.7	8
14220	2643	7.3	43 3.96	+5.4656−.2062	−72 33 32.0	+16.573+.441	10.6	4
14221	2873	5.5	43 11.41*	+5.1419−.1647	−70 2 54.9*	+16.579+.414	10.3	19
14222	13934	8.8	43 13.64	+3.8865−.0455	−47 18 9.2	+16.581+.311	9.8	4
14223	1176	7.5	43 14.64	+6.9360−.4525	−79 0 1.3	+16.582+.561	10.4	4
14224	3504	4.3	43 28.02	+2.2132+.0087	+48 53 32.2	+16.593+.174	10.2	8
14225	2640	9.2	43 40.20	+5.3164−.1875	−71 32 37.0	+16.603+.427	10.4	1
14226	16842	9.1	43 48.68	+3.4066−.0178	−24 3 25.9	+16.610+.271	9.6	4
14227	13941	7.1	43 58.20	+3.8749−.0450	−47 1 44.4	+16.618+.309	9.8	4
14228	7901	8.1	43 59.10	+4.3028−.0781	−58 43 19.9	+16.618+.344	10.1	4
14229	17117	8.3	44 2.17	+3.3933−.0172	−23 14 15.2	+16.621+.269	10.1	4
14230	14024	6.6	44 12.23	+3.9056−.0472	−48 8 39.2	+16.629+.311	10.1	4
14231	9702	7.5	44 27.89*	+4.1600−.0664	−55 35 5.4	+16.642+.331	9.7	4
14232	14449	7.2	44 34.34	+3.6761−.0324	−39 1 47.5	+16.647+.292	9.6	4
14233	2642	8.0	44 34.55	+5.2312−.1780	−70 58 13.4	+16.647+.418	9.8	4
14234	15639	7.3*	44 42.59	+3.4651−.0208	−27 49 23.5	+16.654+.374	10.0	4
14235	1522	8.2	45 15.97	+6.4879−.3746	−77 45 21.6	+16.680+.517	9.8	4
14236	6271	7.2	45 28.63	+4.4926−.0965	−62 28 18.0	+16.691+.356	9.6	4
14237	10175	8.2	45 33.51	+4.0595−.0590	−53 8 54.0	+16.695+.321	9.6	4
14238	17477	7.4	45 34.52	+3.4717−.0212	−28 21 10.8	+16.696+.273	10.2	8
14239	9704	7.2	45 44.18	+4.1306−.0648	−55 4 19.7	+16.703+.326	9.6	4
14240	9758	7.0	45 45.43	+4.1761−.0685	−56 12 1.7	+16.704+.330	9.8	4
14241	14512	9.1	45 57.31	+3.6454−.0309	−37 49 47.0	+16.714+.286	10.0	4
14242	17135	6.9*	46 17.40	+3.3955−.0175	−23 41 23.3	+16.730+.266	10.0	6
14243	14754	7.5	46 28.91	+3.7679−.0387	−43 24 6.0	+16.739+.295	9.9	4
14244	9976	7.9	46 29.86	+4.2380−.0741	−57 45 25.5	+16.740+.333	10.2	5
14245	2021	7.3	46 33.62	+5.6104−.2336	−73 51 3.3	+16.743+.443	10.2	5
14246	13504	7.7	46 36.08	+3.9484−.0512	−50 0 32.6	+16.745+.309	9.7	4
14247	9977	8.2	46 36.66	+4.2062−.0715	−57 3 18.7	+16.746+.330	10.2	4
14248	1034	7.4	46 47.10	+7.2964−.5445	−80 8 41.8	+16.754+.577	9.6	4
14249	14669	6.8	46 47.25	+3.7294−.0363	−41 50 3.8	+16.754+.291	10.2	5,4
14250	4721	8.0	47 14.45	+4.5415−.1029	−63 31 37.4	+16.776+.355	9.8	4

14219 S.P. $2^s.19$, $50''.0$, 10.0, 5.

14202 $9''.9$, $12''.7$, $12''.2$, $11''.9$.

14221 S.P. $11^s.38$, $55''.1$, 10.2, 9.

14231 $27^s.81$, $27^s.85$, $27^s.78$, $28^s.13$.

No.	Name	Mag.	R. A. 1910	Prec. and Sec. Var.	Decl. 1910	Prec. and Sec. Var.	Epoch.	No. Obs.
		M	h m s	s s	° ′ ″	″ ″		
14251	15661	7.6	21 47 18.76	+3.4570-.0207	-27 44 15.7	+16.779+.269	10.1	4
14252	15051	8.1	47 19.32	+3.6120-.0292	-36 25 21.8	+16.780+.281	10.2	7
14253	15670	8.4	47 28.08	+3.7445-.0374	-42 36 50.6	+16.787+.291	9.8	4
14254	13963	7.3	47 33.57	+3.8624-.0454	-47 15 21.5	+16.791+.300	9.9	4
14255	3204	9.0	47 47.80	+5.0156-.1560	-69 26 20.4	+16.802+.392	10.4	4
14256	14530	7.0	47 49.40	+3.6280-.0303	-37 19 7.6	+16.804+.281	10.0	4
14257	2884	6.8	47 51.57	+5.1343-.1709	-70 32 21.2	+16.805+.401	10.3	4
14258	2885	6.7	47 58.76	+5.1273-.1702	-70 29 31.3	+16.811+.400	10.4	4
14259	1540	6.6	48 7.91	+6.1339-.3210	-76 38 14.9	+16.818+.480	10.4	4
14260	10189	8.3	48 9.70	+4.0568-.0602	-53 32 55.3	+16.820+.315	10.3	4
14261	2648	9.0	48 12.98	+5.1787-.1771	-70 57 40.7	+16.822+.403	10.3	4
14262	6149	5.2	48 23.47	+3.2532-.0111	-13 58 33.1	+16.831+.240	10.1	18,24
14263	53	6.5	48 23.94*	+60.181-75.32	-89 16 18.3*	+16.831+4.76	10.0	12
14264	18065	8.0	48 28.76	+3.4762-.0219	-29 5 21.3	+16.835+.268	10.1	4
14265	14536	3.2	48 29.00	+3.6350-.0309	-37 47 18.6	+16.835+.280	9.9	20
14266	6277	5.9	48 33.78	+4.4542-.0954	-62 18 33.3	+16.839+.345	10.3	4
14267	15067	6.7	48 55.42	+3.6075-.0293	-36 29 8.5	+16.856+.277	9.9	6
14268	4635	5.0	48 57.98	+2.7276+.0054	+25 30 4.3	+16.858+.208	10.3	16,29
14269	14783	8.3	49 11.53	+3.6337-.0310	-37 51 24.6	+16.868+.279	9.9	4
14270	7524	8.0	49 41.04	+4.3525-.0866	-60 39 19.4	+16.892+.334	9.9	4
14271	7911	6.3	49 55.50	+4.2369-.0763	-58 19 34.1	+16.903+.325	9.7	4
14272	10196	6.7	50 3.57	+4.0212-.0583	-52 53 20.6	+16.909+.308	10.1	4
14273	14506	7.5	50 8.36	+3.8070-.0425	-45 40 24.5	+16.913+.291	10.0	4
14274	13978	6.7	50 11.68	+3.8511-.0456	-47 21 9.2	+16.915+.294	10.1	4
14275	9771	7.6	50 14.93	+4.1400-.0681	-56 7 1.1	+16.918+.317	10.5	4
14276	6281	7.3	50 20.97	+4.4353-.0951	-62 16 19.6	+16.923+.339	10.2	4
14277	10200	7.9	50 28.02	+4.0389-.0599	-53 28 30.7	+16.929+.308	9.8	4
14278	11956	7.2	50 29.23	+3.9832-.0555	-51 50 18.4	+16.930+.304	9.8	4
14279	18541	6.5	50 40.93	+3.5025-.0236	-31 1 55.8	+16.939+.266	10.1	8
14280	14565	5.6	50 58.06	+3.6234-.0307	-37 40 49.6	+16.952+.275	9.9	6
14281	13982	7.5	51 3.84	+3.8344-.0447	-46 54 21.9	+16.956+.291	9.6	4
14282	13533	7.6	51 16.78	+3.9243-.0514	-50 7 10.0	+16.966+.297	9.7	4
14283	317	8.1	51 27.09	+16.269-4.511	-86 54 59.0*	+16.974+1.25	9.6	4
14284	15054	7.4*	51 33.96	+3.5846-.0285	-35 47 15.0	+16.980+.270	10.3	4
14285	14801	6.2	51 36.51	+3.6308-.0314	-38 10 29.4	+16.982+.274	9.6	4
14286	14802	7.2	51 36.65	+3.6290-.0312	-38 5 11.2	+16.982+.274	9.6	4
14287	9733	4.6	51 48.05	+4.1013-.0657	-55 25 14.8	+16.991+.310	10.2	28
14288	10002	7.4	51 53.54	+4.1694-.0716	-57 8 1.8	+16.995+.315	10.1	4
14289	14804	7.5	51 53.62	+3.6300-.0314	-38 11 19.7	+16.995+.273	9.8	4
14290	15696	7.6	51 54.07	+3.4321-.0200	-26 54 21.2	+16.995+.258	10.5	5
14291	14069	9.1	52 5.62	+3.8578-.0468	-47 58 31.8	+17.004+.290	9.6	4
14292	7744	6.3	52 8.85	+4.2708-.0809	-59 26 29.7	+17.007+.322	9.8	4
14293	1430	6.6	52 30.41*	+6.4193-.3876	-78 5 36.0*	+17.023+.487	9.8	8
14294	6604	7.7	52 42.18	+4.3458-.0883	-61 2 12.3	+17.032+.327	9.5	4
14295	2652	8.4	52 55.98	+5.1086-.1757	-70 56 14.2	+17.043+.385	10.0	4
14296	14144	8.1	52 56.88	+3.8054-.0433	-46 10 23.1	+17.044+.285	9.9	4
14297	14717	6.6	52 57.71	+3.7636-.0404	-44 29 26.9	+17.044+.282	10.2	4
14298	15711	6.6	52 57.82	+3.7092-.0367	-42 9 0.6	+17.044+.277	10.2	4
14299	1528	8.2	53 14.33	+6.3038-.3682	-77 44 30.8	+17.057+.476	10.4	5
14300	6607	7.6	53 23.85	+4.3478-.0891	-61 11 41.4	+17.064+.325	10.2	4

14263S.P. $23^s.59$, $17''.9$, 9.9, 12.

14283 $59''.2$, $57''.6$, $60''.5$, $58''.6$.

14293S.P. $30^s.52$, $36''.8$, 10.3, 7.

No.	Name	Mag.	R. A. 1910	Prec. and Sec. Var.	Decl. 1910	Prec. and Sec. Var.	Epoch.	No. Obs.
		M	h m s	s s	° ′ ″	″ ″		
14301	1541	6.5	21 53 27.33	+5.9071−.2976	−76 6 35.4	+17.067+.444	10.3	4
14302	6286	8.4	53 33.18	+4.4205−.0964	−62 32 28.9	+17.072+.330	9.6	4
14303	14147	7.8	53 38.73	+3.8173−.0444	−46 46 23.6	+17.076+.284	9.6	4
14304	6131	6.2	53 42.75	+3.3497−.0160	−21 36 46.2	+17.079+.248	10.1	4
14305	14820	5.6	53 51.64	+3.6350−.0322	−38 49 31.2	+17.086+.270	9.8	11
14306	16836	8.4	53 55.65	+3.5087−.0245	−31 58 41.4	+17.089+.260	10.2	5
14307	16935	7.1*	54 13.38	+3.3868−.0179	−24 15 47.7	+17.102+.250	10.1	4
14308	17199	7.4	54 14.17	+3.3728−.0172	−23 18 10.1	+17.103+.249	10.2	4
14309	14727	8.1	54 15.16	+3.7435−.0394	−43 54 31.2	+17.104+.277	10.1	4
14310	9784	6.2	54 16.08	+4.1181−.0686	−56 18 50.8	+17.104+.306	9.8	4
14311	1542	5.9	54 16.73	+5.9862−.3137	−76 32 56.6	+17.105+.448	10.2	4
14312	18106	7.1	54 19.78	+3.4664−.0222	−29 29 12.4	+17.107+.256	10.3	6
14313	17533	7.5	54 25.42	+3.4436−.0210	−28 3 39.6	+17.111+.254	9.8	4
14314	18107	7.3	54 37.71	+3.4586−.0218	−29 2 59.5	+17.121+.255	9.7	4
14315	16848	7.1	54 40.93	+3.5060−.0245	−31 57 22.8	+17.123+.258	9.9	4
14316	14835	7.4	54 58.79	+3.7165−.0378	−42 52 59.6	+17.137+.274	9.6	4
14317	3985	7.4	55 16.63	+4.6028−.1173	−65 40 12.5	+17.150+.340	9.8	4
14318	14599	6.8	55 36.78	+3.5924−.0299	−36 59 15.1	+17.165+.263	9.9	6
14319	10224	7.2	55 37.85	+4.0057−.0599	−53 30 48.6	+17.166+.294	9.5	4
14320	9999	8.0*	55 38.09	+4.0432−.0630	−54 35 21.3	+17.166+.297	9.7	4
14321	17212	7.9	55 38.86	+3.3758−.0175	−23 43 39.1	+17.167+.247	9.8	4
14322	18119	5.4	55 40.16	+3.4532−.0217	−28 53 9.1	+17.168+.253	10.2	9
14323	17550	8.8	56 4.97	+3.4500−.0215	−28 45 26.0	+17.186+.252	9.9	4
14324	15714	7.9	56 7.28	+3.3997−.0188	−25 26 31.6	+17.188+.248	9.8	4
14325	15368	7.4	56 9.63	+3.5409−.0268	−34 16 0.0	+17.190+.258	10.3	4
14326	4294	9.2	56 20.38	+3.0769−.0040	− 0 21 45.8	+17.198+.223	10.7	1
14327	10015	4.7	56 29.04	+4.1350−.0715	−57 9 21.9	+17.205+.302	10.0	19
14328	4737	5.7	56 42.23	+2.9184+.0014	+12 41 18.0	+17.214+.211	10.1	9,26
14329	13146	7.9	56 43.86	+3.9399−.0551	−51 42 56.1	+17.216+.287	9.8	4
14330	730	7.4	56 45.43	+9.3692−1.209	−83 47 44.7	+17.217+.692	9.6	4
14331	13566	8.0	57 17.13	+3.9071−.0527	−50 45 2.6	+17.240+.283	9.6	4
14332	16868	6.7	57 18.33	+3.5080−.0251	−32 34 5.8	+17.241+.254	9.9	6
14333	14101	8.1	57 30.65	+3.8475−.0482	−48 42 12.4	+17.250+.278	9.8	4
14334	9798	7.0	57 31.86	+4.0973−.0688	−56 24 34.0	+17.251+.297	9.8	4
14335	15743	7.0	57 33.46	+3.4313−.0207	−27 48 2.7	+17.253+.247	9.6	4
14336	3989	7.3	57 54.04	+4.5390−.1131	−65 9 44.6	+17.268+.329	9.9	4
14337	14179	7.4	57 54.77	+3.7893−.0440	−46 33 41.2	+17.268+.273	10.1	4
14338	15748	7.8	58 1.22	+3.4253−.0204	−27 29 8.7	+17.273+.246	9.9	4
14339	18975	7.0	58 5.00	+3.4692−.0229	−30 20 19.4	+17.276+.249	10.1	4
14340	18148	7.3	58 28.47	+3.4593−.0224	−29 46 54.8	+17.293+.248	9.7	4
14341	9803	7.6	58 29.42	+4.1027−.0698	−56 44 4.6	+17.294+.295	9.6	4
14342	5681	4.7	58 39.57	+3.1030−.0050	− 2 35 24.8	+17.301+.221	10.1	8
14343	14553	7.1	58 56.71	+3.6240−.0327	−39 18 40.3	+17.314+.259	9.6	4
14344	5824	7.7	59 9.38	+3.3472−.0163	−22 12 58.2	+17.323+.238	9.6	4
14345	18985	6.7	59 12.74	+3.4661−.0229	−30 21 9.3	+17.326+.247	9.9	4
14346	3214	7.5	59 12.80	+4.8400−.1505	−69 10 40.3	+17.326+.348	9.6	4
14347	3615	7.5	59 15.98	+4.5891−.1202	−66 6 16.9	+17.328+.329	9.9	4
14348	15959	7.0	59 23.69	+3.4046−.0195	−26 19 12.2	+17.334+.242	10.0	4
14349	15757	5.8	59 29.82	+3.4181−.0202	−27 15 30.1	+17.338+.243	10.1	4
14350	18155	7.0	59 30.27	+3.4423−.0216	−28 52 18.9	+17.339+.244	9.8	4

No.	Name	Mag.	R. A. 1910	Prec. and Sec. Var.	Decl. 1910	Prec. and Sec. Var.	Epoch.	No. Obs.
		M	h m s	s s	° ′ ″	″ ″		
14351	7541	5.6	21 59 32.28	+4.2376-.0832	-60 4 18.0	+17.340+.303	9.7	4
14352	13717	8.0	59 41.74	+3.8472-.0491	-49 9 16.7	+17.347+.274	10.0	5
14353	5828	8.4	59 52.99	+3.3520-.0167	-22 40 53.3	+17.355+.237	9.9	4
14354	13582	8.1*	22 0 20.72	+3.8702-.0512	-50 7 23.1	+17.375+.274	10.0	4
14355	14763	7.0	0 29.96	+3.7245-.0401	-44 24 11.4	+17.382+.263	10.1	4
14356	2899	6.8	0 31.02	+4.9758-.1703	-70 43 28.1	+17.383+.354	10.0	4
14357	3460	7.2	0 31.29	+4.7588-.1421	-68 27 38.0	+17.383+.338	10.5	4
14358	14639	4.6	0 41.68	+3.6298-.0336	-39 58 40.6	+17.391+.256	10.1	20
14359	7765	8.9	0 45.92	+4.2034-.0808	-59 34 0.7	+17.394+.297	10.1	4
14360	18168	7.6	1 4.00	+3.4476-.0222	-29 30 31.9	+17.407+.242	9.6	4
14361	14576	8.6	1 6.68	+3.7544-.0426	-45 49 27.2	+17.409+.264	9.8	4
14362	4246	3.2	1 9.72	+3.0813-.0041	- 0 45 26.8	+17.411+.215	10.0	46,57
14363	7766	7.1	1 26.30	+4.2061-.0816	-59 45 24.3	+17.423+.296	9.8	4
14364	6209	4.4	1 34.71	+3.2409-.0111	-14 18 24.2	+17.429+.226	9.8	7,10
14365	4213	7.7	1 42.66	+4.4214-.1040	-63 56 39.3	+17.435+.311	10.1	4
14366	19007	8.1	1 42.73	+3.4542-.0226	-30 3 19.5	+17.435+.241	9.8	4
14367	2661	7.0	1 59.62	+5.0218-.1792	-71 20 38.9	+17.447+.353	10.5	4
14368	1547	6.5	2 13.89	+5.7717-.2994	-76 19 17.6	+17.457+.406	10.4	4
14369	5833	6.9	2 14.39	+3.3470-.0166	-22 40 48.6	+17.458+.232	9.8	4
14370	4214	7.6	2 21.80	+4.4378-.1065	-64 19 45.4	+17.463+.310	10.0	4
14371	7767	7.6	2 27.84	+4.1924-.0810	-59 38 59.9	+17.467+.292	10.0	4
14372	7768	7.9	2 29.64	+4.1955-.0813	-59 43 31.7	+17.468+.293	9.8	4
14373	13594	7.9	2 31.44	+3.8689-.0520	-50 32 44.1	+17.470+.269	10.1	4
14374	14063	2.2	2 33.97	+3.7850-.0454	-47 23 49.5	+17.472+.263	10.2	22,23
14375	17604	7.9	2 34.03	+3.4282-.0212	-28 29 52.0	+17.472+.238	10.2	5
14376	15756	8.0	2 34.32	+3.3757-.0182	-24 49 55.1	+17.472+.234	10.3	4
14377	10042	8.1	2 38.06	+4.0761-.0701	-56 52 32.2	+17.474+.284	10.3	4
14378	4533	4.0	2 49.22	+2.7689+.0061	+24 54 18.6	+17.482+.190	10.0	9
14379	15163	7.1	3 2.61	+3.5295-.0276	-34 59 40.6	+17.492+.244	10.1	4
14380	15922	4.6	3 8.16	+3.5031-.0259	-33 25 40.7	+17.496+.242	9.8	8
14381	14906	7.1	3 8.64	+3.6911-.0386	-43 28 49.9	+17.496+.255	9.9	4
14382	15421	5.1	3 10.05	+3.5204-.0270	-34 28 58.3	+17.497+.243	10.3	4
14383	1549	6.2	3 27.11	+5.7949-.3073	-76 33 26.6	+17.509+.404	10.4	5
14384	15926	6.4	3 28.14	+3.5042-.0260	-33 34 0.4	+17.510+.241	10.1	4
14385	11988	8.3	3 36.40	+3.9143-.0563	-52 19 52.0	+17.516+.270	10.1	4
14386	3465	6.8	3 36.52	+4.7454-.1447	-68 46 10.1	+17.516+.329	9.9	4
14387	15998	7.1	3 40.96	+3.3923-.0193	-26 12 36.2	+17.519+.233	9.9	4
14388	2663	8.4	3 46.18	+4.9912-.1780	-71 18 34.0	+17.523+.346	10.3	4
14389	14770	7.7	4 6.39	+3.6486-.0359	-41 39 51.6	+17.537+.250	9.8	4
14390	14143	6.4	4 16.70	+3.8045-.0476	-48 32 52.1	+17.544+.261	9.6	4
14391	17029	6.5	4 26.90	+3.3613-.0177	-24 6 2.4	+17.552+.229	9.8	4
14392	15430	5.5	4 40.50	+3.5147-.0269	-34 27 26.6	+17.561+.240	9.6	4
14393	9825	7.2	4 48.18	+4.0233-.0666	-55 53 45.9	+17.567+.275	10.0	4
14394	17622	6.5	4 52.50	+3.4253-.0214	-28 44 6.7	+17.570+.233	10.2	4
14395	15941	5.1	4 52.56	+3.4902-.0254	-32 59 26.5	+17.570+.239	9.9	4
14396	13747	9.7	4 53.15	+3.8260-.0496	-49 30 30.7	+17.570+.261	10.2	4
14397	13750	8.9	5 6.70	+3.8200-.0492	-49 19 58.2	+17.580+.260	10.1	4
14398	4349	5.6	5 14.27	+2.6601+.0089	+32 43 55.8	+17.585+.179	10.0	8
14399	14915	7.2	5 14.66	+3.5772-.0312	-38 11 24.9	+17.585+.243	10.2	5
14400	14677	7.9	5 38.37	+3.6089-.0335	-39 59 17.7	+17.602+.244	9.8	4

No.	Name	Mag.	R. A. 1910	Prec. and Sec. Var.	Decl. 1910	Prec. and Sec. Var.	Epoch.	No. Obs.
		M	h m s	s s	° ′ ″	″ ″		
14401	4961	3.7	22 5 39.59*	+3.0081−.0010	+ 5 45 16.9	+17.602+.202	10.0	38,53
14402	14805	6.7	5 55.79	+3.6948−.0398	−44 17 10.7	+17.614+.250	9.8	4
14403	4352	4.4	5 59.32	+2.6625+.0090	+32 44 10.0	+17.616+.178	10.0	7
14404	6173	6.1	6 2.87	+3.3259−.0158	−21 40 30.0	+17.619+.224	10.2	8
14405	14923	7.9	6 5.97	+3.5792−.0316	−38 29 23.6	+17.621+.241	10.5	4
14406	15811	7.0	6 21.39	+3.4049−.0204	−27 35 42.0	+17.632+.229	10.6	4
14407	15193	6.7	6 22.55	+3.5162−.0274	−34 54 29.2	+17.632+.236	9.6	4
14408	5850	8.5	6 22.71	+3.3378−.0165	−22 39 7.4	+17.632+.224	9.5	1
14409	14928	6.7	6 41.26	+3.5814−.0319	−38 44 50.3	+17.645+.240	9.9	4
14410	10034	7.8*	6 42.21*	+3.9691−.0628	−54 43 57.9	+17.646+.267	10.1	4
14411	3470	6.8	6 46.49	+4.6872−.1416	−68 34 16.4	+17.649+.317	10.3	4
14412	7551	7.8	6 53.41	+4.1752−.0827	−60 8 10.9	+17.654+.281	10.6	4
14413	9835	7.0	6 56.11	+4.0247−.0680	−56 23 20.6	+17.656+.270	10.4	4
14414	14687	6.7	7 5.77	+3.6151−.0344	−40 38 45.7	+17.662+.242	10.0	4
14415	13764	7.6	7 19.44	+3.8112−.0495	−49 29 55.1	+17.672+.255	9.6	4
14416	4319	9.5	7 28.75	+3.0761−.0037	− 0 19 39.0	+17.678+.204	10.7	1
14417	15821	7.5*	7 31.69	+3.4008−.0203	−27 31 45.0	+17.680+.226	9.9	4
14418	6315	8.3	7 38.27	+4.2507−.0912	−61 53 38.7	+17.685+.284	9.6	4
14419	16033	6.2	7 53.35	+3.3894−.0197	−26 46 20.0	+17.695+.225	9.9	4
14420	11994	8.3	7 54.66	+3.8966−.0570	−52 41 52.2	+17.696+.259	9.9	5
14421	2671	6.8	8 1.85	+4.9044−.1731	−71 5 52.7	+17.701+.328	9.8	4
14422	9808	8.0	8 5.22	+3.9932−.0658	−55 44 40.4	+17.703+.266	9.8	4
14423	14632	8.8	8 40.89	+3.6998−.0412	−45 9 26.0	+17.727+.244	9.6	4
14424	15815	5.6	8 41.18	+3.3718−.0188	−25 37 37.1	+17.728+.222	10.2	12
14425	16959	9.1	8 42.95	+3.4615−.0243	−31 56 52.0	+17.729+.228	9.9	4
14426	1442	5.6	9 7.05*	+5.9871−.3638	−77 57 35.6*	+17.745+.398	9.8	8
14427	14804	6.4	9 8.92	+3.6284−.0359	−41 48 30.3	+17.746+.238	10.1	9
14428	11999	7.8	9 11.88	+3.8863−.0568	−52 38 36.7	+17.748+.256	10.3	4
14429	17653	5.4	9 12.86	+3.4058−.0209	−28 12 48.2	+17.749+.223	10.3	11
14430	6180	5.6	9 19.89	+3.3172−.0157	−21 31 20.4	+17.754+.217	10.3	4
14431	10266	7.8	9 29.39	+3.8994−.0581	−53 8 53.0	+17.760+.256	9.8	4
14432	17081	6.9	9 45.35	+3.3537−.0178	−24 27 4.6	+17.771+.219	10.0	4
14433	995	5.1	9 59.59*	+6.9202−.5839	−80 53 17.5*	+17.781+.458	10.1	16
14434	14827	7.1	10 0.75	+3.6701−.0394	−44 4 55.3	+17.782+.239	9.9	4
14435	4765	7.2	10 3.09	+4.3252−.1017	−63 47 5.4	+17.783+.283	10.1	4
14436	12000	8.3	10 3.27	+3.8794−.0567	−52 36 20.9	+17.783+.253	10.3	4
14437	14644	6.2	10 4.76	+3.6870−.0407	−44 53 56.0	+17.784+.240	10.0	4
14438	7936	7.2	10 5.44	+4.0599−.0736	−58 0 55.8	+17.785+.265	10.5	4
14439	16044	7.9	10 7.51	+3.3797−.0194	−26 24 52.2	+17.786+.220	10.1	4
14440	14810	4.9	10 11.88	+3.6232−.0359	−41 47 41.4	+17.789+.236	9.7	9
14441	16974	8.5	10 46.27	+3.4602−.0246	−32 18 32.9	+17.812+.224	9.6	4
14442	1197	8.4	10 55.97	+6.4566−.4747	−79 44 41.8	+17.819+.424	9.8	4
14443	15846	5.2	11 1.86	+3.6248−.0362	−42 4 31.6	+17.822+.234	9.6	4
14444	17334	7.2	11 7.37	+3.3378−.0171	−23 27 29.3	+17.826+.215	10.1	4
14445	10051	7.3	11 22.38	+3.9362−.0626	−54 46 10.4	+17.836+.254	10.4	4
14446	12002	8.4	11 22.82	+3.8653−.0561	−52 25 34.0	+17.836+.250	10.4	4
14447	16057	6.3	11 34.27	+3.3741−.0193	−26 20 47.7	+17.844+.216	10.5	4
14448	4769	7.1	11 40.70	+4.2801−.0982	−63 15 38.7	+17.848+.276	10.3	4
14449	13632	9.7	11 45.77	+3.8061−.0511	−50 21 1.8	+17.852+.245	10.6	4
14450	15235	6.9	11 55.84	+3.5009−.0276	−35 12 33.3	+17.858+.224	10.1	4

14426 S.P. $7^s.11$, $36''.5$, 9.9, 9.

14401 ($39^s.29$).

14433 S.P. $59^s.56$, $17''.6$, 9.9, 8.

14410 $42^s.09$, $42^s.03$, $42^s.31$, $42^s.41$.

No.	Name	Mag.	R. A. 1910	Prec. and Sec. Var.	Decl. 1910	Prec. and Sec. Var.	Epoch.	No. Obs.
		M	h m s	s s	° ′ ″	″ ″		
14451	3481	7.1	22 11 57.60	+4.6339-.1421	-68 45 30.1	+17.860+.299	10.6	4
14452	17344	6.4	11 59.58	+3.3374-.0171	-23 35 16.2	+17.861+.213	10.0	4
14453	13794	8.4	11 59.90	+3.7729-.0484	-49 5 50.0	+17.861+.242	10.4	4
14454	5845	4.3	12 5.14	+3.1603-.0075	- 8 13 54.4	+17.864+.201	10.0	24,28
14455	13635	8.0	12 6.64	+3.9150-.0521	-50 46 27.7	+17.866+.245	10.4	4
14456	17678	7.2*	12 12.62	+3.3923-.0205	-27 50 14.6	+17.870+.216	10.6	4
14457	7560	10.0	12 14.13	+4.1335-.0827	-60 17 14.4	+17.870+.265	10.7	4
14458	7561	2.9	12 20.73	+4.1508-.0846	-60 42 30.6	+17.875+.266	9.9	17
14459	10055	5.4	12 21.99	+3.9068-.0604	-54 3 39.5	+17.876+.250	10.4	4
14460	16995	7.1	12 27.82	+3.4533-.0245	-32 12 57.7	+17.880+.220	9.6	4
14461	17099	8.9	12 30.85	+3.3435-.0176	-24 9 33.2	+17.882+.213	10.6	4
14462	17351	7.6	12 31.68	+3.3359-.0171	-23 33 50.1	+17.882+.212	10.0	4
14463	14176	8.8	12 32.86	+3.7581-.0474	-48 37 28.5	+17.883+.240	10.3	4
14464	19092	Var.	12 53.23	+3.4209-.0224	-30 3 14.1	+17.896+.217	10.0	5
14465	13640	8.4	12 58.15	+3.7987-.0511	-50 21 18.3	+17.900+.242	10.1	4
14466	14726	7.3*	13 0.52	+3.5265-.0296	-37 2 43.7	+17.901+.224	9.9	4
14467	14270	7.4	13 8.34	+3.7076-.0435	-46 35 14.1	+17.906+.235	10.1	4
14468	7562	9.7	13 9.38	+4.1372-.0838	-60 34 6.3	+17.907+.264	10.5	4
14469	15834	7.6	13 12.68	+3.3243-.0165	-22 44 55.2	+17.909+.210	10.3	4
14470	1746	7.4	13 18.17	+5.3789-.2609	-75 25 9.1	+17.913+.344	10.4	4
14471	17361	7.2	13 28.94	+3.3365-.0172	-23 46 49.9	+17.920+.210	10.0	4
14472	639	8.1	13 41.25	+8.7334-1.190	-83 58 13.6	+17.928+.562	9.6	4
14473	9866	7.9	13 53.74	+3.9586-.0663	-56 2 13.7	+17.936+.250	9.8	4
14474	13646	9.8	14 9.49	+3.8016-.0518	-50 45 33.9	+17.946+.239	10.1	4
14475	17694	6.8	14 14.94	+3.3977-.0211	-28 39 35.2	+17.950+.213	9.6	4
14476	17113	8.4	14 27.30	+3.3401-.0176	-24 15 13.7	+17.958+.209	9.7	4
14477	7942	6.3	14 37.02	+4.0202-.0728	-57 57 41.8	+17.964+.252	9.6	4
14478	406	5.7	14 42.34*	+12.561-3.083	-86 25 34.2*	+17.967+.804	10.1	27,42
14479	4782	6.7	14 44.45	+4.2352-.0961	-62 59 57.7	+17.969+.266	9.9	4
14480	6644	8.0	14 46.90	+4.1358-.0851	-60 52 58.3	+17.970+.260	10.2	4
14481	15522	8.2	14 52.57	+3.4737-.0264	-34 8 22.3	+17.974+.216	9.8	1
14482	17023	8.9	14 53.35	+3.4483-.0246	-32 25 15.8	+17.974+.215	10.2	2
14483	14858	7.7	14 56.77	+3.6427-.0389	-43 57 12.7	+17.977+.227	9.9	4
14484	1199	9.0	14 57.54	+6.3137-.4612	-79 39 39.9	+17.977+.400	10.5	4
14485	17024	9.7	15 2.14	+3.4472-.0246	-32 22 43.9	+17.980+.215	10.6	4
14486	5855	5.4	15 27.86	+3.1581-.0074	- 8 16 24.6	+17.997+.195	10.0	5
14487	9872	7.7	15 29.02	+3.9523-.0667	-56 13 5.1	+17.997+.246	10.4	4
14488	15264	6.9	15 32.45	+3.4839-.0272	-34 58 6.5	+18.000+.216	9.7	4
14489	1540	8.5	15 36.39	+5.6828-.3257	-77 18 25.6	+18.002+.357	10.6	4
14490	7564	8.1	15 36.75	+4.1074-.0827	-60 24 2.4	+18.002+.256	10.4	4
14491	12010	8.6	15 37.72	+3.8441-.0565	-52 42 2.0	+18.003+.239	10.6	4
14492	13246	7.9	15 43.69	+3.8123-.0536	-51 33 17.1	+18.007+.237	9.9	4
14493	4856	9.5	16 2.00	+3.0597-.0027	+ 1 15 14.1	+18.018+.188	10.7	1
14494	2252	8.9	16 15.62	+5.0155-.2062	-73 15 28.2	+18.027+.312	9.9	4
14495	10067	7.0	16 16.55	+3.8863-.0608	-54 19 0.9	+18.028+.240	9.6	4
14496	2253	8.2	16 20.03	+5.0142-.2062	-73 15 27.2	+18.030+.312	9.9	5
14497	5897	5.4	16 38.46	+3.3084-.0159	-22 2 58.4	+18.042+.202	10.0	14
14498	9875	7.4	16 42.94	+3.9555-.0678	-56 36 22.3	+18.045+.244	10.1	4
14499	15279	7.4	16 45.38	+3.4796-.0272	-34 58 28.6	+18.046+.213	9.7	4
14500	15280	7.3	16 52.43	+3.4787-.0272	-34 56 36.1	+18.051+.213	9.7	4

14478S.P. $42^{s}.24$, $34''.2$, 9.8, 21, 35. 14478 $36''.2$ included, ($44''.0$).

No.	Name	Mag.	R. A. 1910	Prec. and Sec. Var.	Decl. 1910	Prec. and Sec. Var.	Epoch.	No. Obs.
		M	h m s	s s	° ′ ″	″ ″		
14501	15887	7.7	22 16 53.93	+3.3537-.0187	-25 49 8.0	+18.052+.205	10.4	4
14502	14747	8.5	16 53.94	+3.5648-.0335	-40 16 5.9	+18.052+.218	10.6	4
14503	2690	5.4	16 54.49*	+4.9374-.1951	-72 41 35.8*	+18.052+.305	10.0	8
14504	13248	8.8	16 54.65	+3.7961-.0528	-51 14 6.5	+18.052+.233	10.5	4
14505	5741	4.0	17 0.50	+3.0912-.0041	- 1 50 28.3*	+18.056+.188	9.9	36,43
14506	4784	4.9	17 5.25	+2.9518+.0020	+11 45 5.4	+18.059+.179	9.8	4
14507	14292	6.6	17 14.25	+3.6809-.0429	-46 24 6.5	+18.064+.225	10.3	4
14508	14295	5.8	17 36.55	+3.6784-.0429	-46 22 53.8	+18.078+.224	10.3	4
14509	14171	7.1	17 54.13	+3.6927-.0442	-47 7 25.2	+18.090+.224	9.8	4
14510	1748	6.2	18 3.80	+5.2914-.2584	-75 28 19.1	+18.096+.324	9.7	4
14511	2686	6.0	18 9.25*	+4.7303-.1656	-70 53 8.9*	+18.099+.289	10.0	11
14512	13253	8.2	18 9.91	+3.7793-.0519	-50 53 50.2	+18.099+.229	10.0	3
14513	16110	7.8	18 10.60	+3.3564-.0191	-26 17 42.1	+18.100+.203	10.1	4
14514	3661	7.2	18 11.02	+4.3673-.1157	-66 4 38.1	+18.100+.266	10.1	4
14515	15905	5.6	18 30.05	+3.3422-.0182	-25 13 4.7	+18.112+.201	10.0	4
14516	17056	8.4	18 54.26	+3.4281-.0240	-31 56 2.4	+18.127+.206	10.0	6
14517	7954	5.4	18 58.16	+3.9938-.0733	-58 14 41.3	+18.130+.241	9.9	4
14518	1447	7.8	19 1.36	+5.7942-.3618	-78 10 22.5	+18.132+.352	10.1	4
14519	15887	8.0	19 4.42	+3.3606-.0195	-26 49 43.4	+18.134+.201	10.1	4
14520	15901	6.8	19 17.00	+3.5826-.0356	-41 53 44.4	+18.141+.214	9.8	4
14521	14697	6.9*	19 19.20	+3.5424-.0325	-39 34 58.6	+18.143+.212	9.9	4
14522	15902	9.2	19 19.80	+3.5824-.0356	-41 53 39.3	+18.143+.214	9.8	4
14523	15904	7.9	19 30.31	+3.5806-.0356	-41 50 30.0	+18.150+.214	9.8	4
14524	17160	7.4*	19 35.46	+3.3228-.0171	-23 49 24.9	+18.153+.198	9.9	5
14525	12022	7.6	19 37.61	+3.7941-.0541	-51 51 11.0	+18.154+.227	9.8	4
14526	6276	5.9	19 37.91	+3.2137-.0106	-13 59 9.3	+18.154+.191	9.7	5
14527	15896	7.2	19 44.46	+3.3649-.0199	-27 18 55.7	+18.158+.200	10.0	4
14528	15040	7.3*	19 50.74	+3.5190-.0309	-38 17 5.2	+18.162+.209	9.8	4
14529	4789	8.0	20 22.96	+4.1768-.0949	-62 59 47.1	+18.182+.249	9.6	4
14530		Var.	20 32.68	+3.7166-.0474	-48 53 44.0	+18.188+.220	9.6	4
14531	4872	4.6	20 40.85	+3.0635-.0026	+ 0 55 13.1	+18.193+.180	9.8	7,19
14532	3715	4.6	20 51.86	+2.4276+.0153	+49 1 10.6*	+18.200+.141	10.2	10
14533	4044[1]	9.3	20 55.46	+4.2968-.1101	-65 25 27.0	+18.202+.255	10.7	3
14534	4044[2]	4.8	20 56.64*	+4.2966-.1101	-65 25 28.3*	+18.203+.255	10.1	22
14535	18337	8.0	21 5.34	+3.3893-.0218	-29 32 20.6	+18.208+.199	10.4	4
14536	17758	7.6	21 7.61	+3.3756-.0208	-28 28 11.4	+18.209+.198	10.6	4
14537	17171	6.2	21 12.20	+3.3228-.0173	-24 8 24.4	+18.212+.195	10.2	8
14538	1449	6.8	21 18.82	+5.8572-.3852	-78 40 19.8*	+18.216+.349	10.3	4
14539	7957	7.0	21 26.04	+3.9803-.0738	-58 27 32.3	+18.220+.234	10.1	4
14540	2259	8.5	21 33.89	+4.8849-.1965	-72 55 48.4	+18.225+.289	9.9	4
14541	13852	7.6*	21 47.75	+3.7300-.0492	-49 48 57.8	+18.234+.218	9.6	4
14542	3493	5.7	22 0.80	+4.4403-.1304	-67 56 47.2*	+18.242+.261	9.6	4,3
14543	1544	8.0	22 22.35	+5.4916-.3107	-77 8 27.2	+18.255+.323	9.6	4
14544	17093	7.6	22 24.37	+3.4176-.0240	-32 0 43.7	+18.256+.198	9.8	4
14545	15916	7.2	22 38.31	+3.3517-.0194	-26 52 39.1	+18.264+.194	9.8	4
14546	12028	7.1	22 51.75	+3.7823-.0547	-52 14 50.3	+18.272+.219	10.1	4
14547	7567	7.0	22 55.19	+4.0440-.0820	-60 30 48.6	+18.274+.234	9.9	4
14548	14719	7.5	22 56.94	+3.5260-.0323	-39 32 53.2	+18.275+.204	9.7	4
14549	7802	8.8	23 3.16	+4.0110-.0784	-59 41 24.6	+18.279+.232	10.1	4
14550	14723	5.5	23 22.96*	+3.5247-.0324	-39 35 14.9	+18.291+.202	10.0	16

14503 S.P. $54^s.50$, $36''.1$, 10.0, 7.
14534 S.P. $56^s.64$, $30''.3$, 10.1, 14, 13, ($25''.0$)
14532 $6''.7$, $14''.5$ included.
14542 ($44''.4$).

14511 S.P. $9^s.22$, $9''.7$, 10.0, 8.
14505 ($30''.6$).
14538 $17''.9$, $20''.3$, $19''.6$, $21''.2$.
14550 $23^s.12$ included.

No.	Name	Mag.	R. A. 1910	Prec. and Sec. Var.	Decl. 1910	Prec. and Sec. Var.	Epoch.	No. Obs.
		M	h m s	s s	° ′ ″	″ ″		
14551	5920	7.3	22 23 52.16	+3.2983-.0160	-22 31 49.9	+18.308+.188	9.9	4
14552	14931	4.0	23 53.69	+3.5972-.0385	-43 57 20.4	+18.309+.206	10.2	27
14553	14810	7.5*	23 54.16	+3.4890-.0297	-37 25 49.0	+18.309+.199	9.6	4
14554	13869	8.8	24 1.12	+3.6975-.0474	-48 59 19.9	+18.314+.211	10.0	4
14555	19175	7.8	24 9.30	+3.3917-.0225	-30 27 29.8	+18.318+.193	9.9	4
14556	13694	8.1	24 10.42	+3.7267-.0502	-50 19 34.4	+18.319+.213	10.1	4
14557	3900	8.1	24 18.04	+4.3983-.1279	-67 45 56.3	+18.324+.252	10.4	4
14558	18354	8.4	24 21.65	+3.3751-.0213	-29 11 9.9	+18.326+.192	9.9	4
14559	18355	7.3	24 22.92	+3.3742-.0213	-29 7 10.4	+18.326+.192	9.9	4
14560	14935	4.3	24 23.08	+3.5993-.0388	-44 12 35.9	+18.327+.205	10.0	4
14561	4300	10.0	24 27.10	+3.0841-.0035	- 1 13 28.3	+18.329+.174	10.7	1
14562	15932	6.0	24 44.09	+3.3542-.0200	-27 34 3.7	+18.339+.190	9.7	4
14563	12031	8.8	24 49.92	+3.7629-.0539	-52 0 49.0	+18.342+.214	10.1	4
14564	15947	7.1	24 55.56	+3.5705-.0366	-42 45 7.7	+18.346+.202	10.0	4
14565	14940	7.1	25 20.30	+3.6007-.0393	-44 33 19.9	+18.360+.203	9.9	4
14566	3243	7.2	25 26.82	+4.5110-.1457	-69 34 9.4	+18.364+.256	10.2	4
14567	14228	7.7	25 28.74	+3.6839-.0468	-48 46 36.3	+18.365+.208	10.3	4
14568	13701	6.8*	25 29.80	+3.7083-.0491	-49 53 24.2	+18.366+.209	10.0	4
14569	13301	8.4	25 30.64	+3.7305-.0512	-50 51 30.3	+18.366+.210	10.4	4
14570	17119	8.6	25 43.59	+3.4065-.0239	-32 0 18.4	+18.374+.191	10.1	6
14571	17200	8.0	25 51.30	+3.3172-.0176	-24 37 46.8	+18.378+.185	10.4	4
14572	5850	4.9	25 53.12	+3.1776-.0087	-11 8 19.9	+18.379+.177	9.8	8,13
14573	10089	8.3	25 53.18	+3.8026-.0585	-53 50 39.7	+18.379+.214	10.4	4
14574	13304	7.0	25 53.45	+3.7408-.0524	-51 23 58.7	+18.380+.210	10.2	4
14575	16175	6.5	25 53.68	+3.3389-.0190	-26 32 0.8	+18.380+.186	10.2	9
14576	18854	7.3	25 55.76	+3.3991-.0234	-31 29 11.1	+18.381+.190	10.1	4
14577	14229	7.2	26 21.70	+3.6427-.0435	-47 2 29.6	+18.396+.203	10.1	4
14578	17126	4.4	26 23.48	+3.4147-.0246	-32 48 28.0	+18.397+.190	9.7	14
14579	17127	7.8	26 23.90	+3.4148-.0246	-32 48 58.5	+18.397+.190	9.5	4
14580	15362	6.6*	26 35.13	+3.4539-.0277	-35 45 10.0	+18.404+.192	10.0	4
14581	17474	9.2	26 38.52	+3.2988-.0164	-23 8 11.6	+18.406+.183	10.3	4
14582	1205	7.9	26 49.46	+5.8111-.3995	-79 4 38.7	+18.412+.327	10.1	4
14583	15075	6.9	26 51.08	+3.5779-.0379	-43 43 33.2	+18.413+.198	10.1	4
14584	1206	6.1	26 54.35	+5.8500-.4092	-79 14 7.8	+18.415+.329	10.5	4
14585	6348	4.9	26 55.50	+4.0843-.0905	-62 26 40.4	+18.416+.227	10.3	4
14586	6656	7.1	27 12.69	+4.0182-.0829	-60 53 49.3	+18.425+.223	10.0	4
14587	15368	7.9	27 14.98	+3.4480-.0274	-35 30 37.3	+18.427+.190	9.8	4
14588	4273	7.5	27 20.27	+4.1473-.0987	-63 56 6.7	+18.430+.230	10.0	4
14589	6657	8.5	27 20.96	+4.0319-.0846	-61 16 50.5	+18.430+.223	10.3	4
14590	3875	3.8	27 34.80	+2.4515+.0168	+49 49 9.6	+18.438+.132	10.2	10
14591	7969	7.9	27 45.84	+3.9327-.0736	-58 40 40.0	+18.444+.217	9.9	4
14592	13321	8.8	27 52.02	+3.7288-.0523	-51 27 2.7	+18.448+.205	9.6	4
14593	15380	7.2	28 7.96	+3.4459-.0274	-35 36 6.1	+18.457+.188	10.1	4
14594	2260	8.3	28 11.02	+4.7792-.1936	-73 1 6.0	+18.459+.264	10.4	5
14595	738	8.0	28 22.60	+7.4869-.9089	-83 16 46.9	+18.465+.417	9.6	4
14596	19208	7.5	28 30.53	+3.3740-.0220	-30 7 43.9	+18.470+.183	10.2	4
14597	14732	6.9	28 32.60	+3.5946-.0401	-45 9 13.2	+18.471+.196	9.9	4
14598	10096	7.6	28 38.23	+3.8069-.0607	-54 45 42.6	+18.474+.208	10.4	4
14599	13323	8.3	28 44.52	+3.7186-.0518	-51 16 5.3	+18.478+.202	9.9	4
14600	9912	9.7	28 48.28	+3.8382-.0641	-55 55 40.8	+18.480+.209	9.8	2

No.	Name	Mag.	R. A. 1910	Prec. and Sec. Var.	Decl. 1910	Prec. and Sec. Var.	Epoch.	No. Obs.
		M	h m s	s s	° ′ ″	″ ″		
14601	739	6.8	22 28 56.39	+7.7702-1.020	-83 43 5.0	+18.484+.430	9.6	4
14602	17147	6.7*	28 59.82	+3.4031-.0243	-32 36 21.8	+18.486+.184	10.1	4
14603	2261	6.7	29 17.64	+4.7766-.1957	-73 10 38.9	+18.496+.261	10.3	4
14604	2706	7.0	29 18.47	+4.6058-.1673	-71 25 45.1	+18.497+.251	10.6	4
14605	15393	6.9	29 19.09	+3.4351-.0269	-35 8 22.8	+18.497+.185	10.2	5
14606	17496	8.5	29 25.96	+3.2916-.0163	-23 4 1.8	+18.501+.177	10.2	4
14607	9862	7.7	29 44.47	+3.9228-.0631	-55 38 57.2	+18.511+.206	9.6	4
14608	6251	5.3	29 46.38	+3.2710-.0149	-21 10 10.2	+18.512+.175	9.8	12
14609	12042	6.8	29 59.81	+3.7298-.0535	-52 4 9.2	+18.520+.200	10.4	4
14610	7971	6.3	30 3.66	+3.9016-.0720	-58 20 56.5	+18.522+.210	10.5	4
14611	9865	8.2	30 9.13	+3.8160-.0627	-55 31 5.4	+18.525+.205	10.3	4
14612	14769	7.6	30 22.28	+3.4879-.0315	-39 11 26.0	+18.533+.186	10.2	4
14613	9866	7.8	30 24.20	+3.9017-.0613	-55 4 12.0	+18.534+.203	10.4	4
14614	9867	7.8	30 27.05	+3.8175-.0630	-55 39 27.4	+18.535+.204	9.6	4
14615	17232	6.0	30 39.54	+3.3035-.0173	-24 27 23.7	+18.542+.175	10.4	4
14616	4384	4.1	30 43.92	+3.0777-.0030	- 0 34 54.2	+18.545+.162	10.0	39,56
14617	6662	9.8	30 51.11	+4.0048-.0848	-61 28 10.5	+18.548+.214	10.6	4
14618	6254	7.5	31 0.08	+3.2708-.0150	-21 24 0.8	+18.553+.173	10.1	4
14619	14257	6.7	31 12.16	+3.6487-.0464	-48 46 20.2	+18.560+.193	10.1	4
14620	14264	9.3	31 13.47	+3.6125-.0429	-46 55 31.0	+18.561+.191	10.1	4
14621	14959	6.1	31 14.13	+3.5120-.0338	-41 2 50.0	+18.561+.186	9.9	4
14622	14978	6.7	31 21.66	+3.5582-.0380	-43 56 13.6	+18.565+.188	10.2	4
14623	17161	5.8	31 31.62	+3.3895-.0238	-32 7 44.8*	+18.571+.178	10.1	4
14624	17162	7.3	31 35.22	+3.3881-.0237	-32 6 28.6*	+18.573+.178	10.1	4
14625	14963	5.8	31 43.88	+3.5098-.0338	-41 3 21.6	+18.578+.184	9.6	4
14626	6257	7.3	31 53.09	+3.2705-.0151	-21 33 24.0	+18.583+.171	9.8	4
14627	9919	7.9	32 22.15	+3.8101-.0636	-55 56 19.4	+18.598+.199	9.8	4
14628	10322	8.0	32 28.02	+3.7393-.0561	-53 14 15.4	+18.602+.195	9.7	4
14629	14850	6.8	32 34.62	+3.4948-.0328	-40 19 27.9	+18.605+.182	9.9	4
14630	14273	7.7	32 40.59	+3.6087-.0432	-47 10 31.5	+18.608+.188	10.2	4
14631	15667	7.5*	32 56.24	+3.4060-.0255	-33 56 12.4	+18.617+.176	9.6	4
14632	3516	7.0	33 4.43	+4.3305-.1314	-68 31 40.3	+18.621+.226	9.9	4
14633	5716	5.3	33 5.76	+3.1131-.0050	- 4 41 33.1	+18.622+.160	9.9	5
14634	17861	8.0	33 8.65	+3.3344-.0199	-27 54 41.3	+18.624+.172	10.3	4
14635	10112	7.9	33 9.68	+3.7579-.0585	-54 11 57.7	+18.624+.195	10.3	4
14636	16242	8.1	33 14.21	+3.3147-.0185	-26 7 22.9	+18.626+.171	10.5	4
14637	15425	7.7	33 17.90	+3.4204-.0267	-35 10 29.0	+18.629+.176	10.6	4
14638	10326	6.8	33 34.94	+3.7293-.0558	-53 9 36.3	+18.638+.192	10.1	4
14639	18414	6.4	33 44.51	+3.3472-.0210	-29 12 57.6	+18.643+.171	10.6	4
14640	14783	7.0	33 44.62	+3.4792-.0318	-39 37 22.9	+18.643+.178	9.9	4
14641	14784	6.5*	33 44.71	+3.4695-.0310	-38 56 42.3	+18.643+.178	10.1	4
14642	16160	5.6	33 46.53	+3.3981-.0250	-33 32 59.4	+18.644+.174	9.8	8
14643	13342	7.7	33 58.96	+3.6807-.0510	-51 8 59.2	+18.651+.189	10.2	4
14644	6670	9.5	34 18.26	+3.9792-.0850	-61 42 9.4	+18.661+.204	10.1	4
14645	3518	7.4	34 27.52	+4.2882-.1273	-68 9 25.4	+18.666+.220	10.5	4
14646	646	7.8	34 30.81	+7.8776-1.137	-84 12 45.5	+18.668+.411	9.6	4
14647	13760	7.3	34 39.53	+3.6533-.0486	-50 3 56.0	+18.672+.186	10.1	4
14648	17873	6.3	34 43.72	+3.3395-.0206	-28 47 36.7	+18.674+.169	10.0	4
14649	17874	6.8	34 46.04	+3.3397-.0206	-28 48 58.7*	+18.676+.169	10.1	4,3
14650	7984	5.9	35 5.07	+3.8437-.0695	-57 53 29.8	+18.686+.195	9.9	4

14623 44″.8, 45″.1, 46″.3, 43″.0. 14624 28″.7, 29″.6, 29″.3, 26″.9.

14649 (55″.3).

No.	Name	Mag	R. A. 1910	Prec. and Sec. Var.	Decl. 1910	Prec. and Sec. Var.	Epoch.	No. Obs.
		M	h m s	s s	° ′ ″	″ ″		
14651	4826	4.9	22 35 13.25	+2.6871+.0143	+38 34 53.2	+18.690+.134	10.3	9
14652	18920	6.0	35 21.15	+3.3638-.0226	-31 7 22.6	+18.694+.169	9.6	4
14653	10120	7.2	35 33.71	+3.8280-.0680	-57 29 53.4	+18.701+.193	10.1	4
14654	16010	4.2	35 40.82	+3.3229-.0195	-27 30 47.6	+18.704+.166	10.1	14
14655	3258	8.1	35 44.05	+4.3155-.1335	-68 52 10.0	+18.706+.218	10.1	4
14656	12058	9.8	36 0.46	+3.6937-.0535	-52 22 19.4	+18.715+.185	10.1	4
14657	17276	7.0	36 9.02	+3.2853-.0167	-23 59 24.3	+18.719+.183	10.1	4
14658	16276	7.3*	36 25.00	+3.3032-.0181	-25 49 14.4	+18.728+.164	10.2	4
14659	16015	8.0	36 27.87	+3.3229-.0196	-27 43 37.2	+18.729+.165	9.9	4
14660	542	9.6	36 54.75	+8.9931-1.698	-85 25 23.1	+18.743+.457	9.9	4
14661	889	4.3	36 55.04*	+6.3833-.6192	-81 51 13.4*	+18.743+.322	9.8	29,38
14662	4797	3.6	36 58.38	+2.9859+.0024	+10 21 40.4	+18.745+.146	9.9	18,27
14663	1759	7.7	37 12.58	+4.8719-.2342	-75 17 30.1	+18.752+.243	10.4	4
14664	14307	6.3	37 15.30	+3.5909-.0437	-47 40 24.4	+18.754+.177	9.9	4
14665	14308	2.2	37 17.90	+3.5848-.0431	-47 21 19.5	+18.755+.176	10.3	18
14666	19267	6.4	37 21.89	+3.3429-.0214	-29 49 53.0	+18.757+.164	10.2	9
14667	18933	8.7	37 23.88	+3.3571-.0225	-31 7 16.2	+18.758+.164	10.3	4
14668	15017	6.3	37 25.75	+3.5391-.0387	-44 43 11.9	+18.759+.174	10.3	4
14669	6675	7.6	37 53.17	+3.9248-.0818	-61 11 42.6	+18.773+.193	9.9	4
14670	5982	7.3	38 8.52	+3.2625-.0152	-22 7 45.9	+18.781+.158	10.2	4
14671	16049	4.9	38 17.08	+3.4908-.0345	-41 53 1.9	+18.785+.170	10.1	4
14672	6676	6.4	38 27.65	+3.9114-.0807	-60 58 19.2	+18.791+.191	10.2	4
14673	4293	7.1	38 34.09	+4.0440-.0983	-64 25 33.2	+18.794+.197	10.1	4
14674	4814	6.8	38 41.82	+3.9844-.0904	-63 1 12.4	+18.798+.194	10.3	4
14675	4741	3.1	38 46.90	+2.8075+.0110	+29 45 1.0*	+18.800+.134	10.1	17,32
14676	7594	7.8	38 52.41	+3.8943-.0790	-60 35 19.2	+18.803+.189	9.7	4
14677	18446	8.8	39 6.07	+3.3329-.0209	-29 24 9.2	+18.810+.160	9.9	4
14678	10134	7.1	39 11.23	+3.7914-.0667	-57 17 57.7	+18.813+.183	9.9	4
14679	1564	7.4	39 11.40	+4.9093-.2480	-75 53 43.2	+18.813+.239	10.1	4
14680	3528	8.3	39 26.80	+4.2543-.1302	-68 43 39.0	+18.820+.206	10.1	4
14681	3706	8.0	39 30.23	+4.1336-.1122	-66 34 19.9	+18.822+.199	10.2	4
14682	15006	7.1*	39 38.02	+3.4750-.0335	-41 14 22.6	+18.826+.166	9.8	4
14683	544	9.6	39 43.34	+8.1785-1.355	-84 52 3.5	+18.829+.401	9.6	4
14684	545	9.8	39 49.16	+8.2056-1.369	-84 54 1.7*	+18.832+.402	9.8	4
14685	647	9.5	39 54.75	+8.0396-1.294	-84 44 12.4	+18.834+.393	9.7	4
14686	4594	5.2	40 4.48	+2.6707+.0161	+41 20 48.5	+18.839+.125	10.2	12
14687	10123	4.9	40 6.82	+3.7002-.0569	-53 58 25.0	+18.840+.176	9.7	8
14688	14320	5.4	40 22.15	+3.5608-.0422	-47 1 12.7	+18.848+.169	9.7	4
14689	2960	7.8	40 29.85	+4.3209-.1427	-70 0 3.7	+18.852+.206	10.1	4
14690	9891	6.7*	40 31.21	+3.7343-.0611	-55 32 13.3	+18.853+.177	9.9	4
14691	16087	6.8	40 36.32	+3.2910-.0178	-25 42 37.6	+18.855+.155	10.1	9
14692	14323	9.4	40 42.19	+3.5702-.0433	-47 40 44.7	+18.858+.168	10.0	4
14693	13955	6.8	40 43.74	+3.6021-.0467	-49 27 3.9	+18.859+.170	10.3	4
14694	15148	9.7	40 45.88	+3.4933-.0357	-42 53 38.8	+18.860+.164	10.2	4
14695	13788	6.5	41 4.17	+3.6132-.0480	-50 9 9.6	+18.869+.170	9.9	4
14696	2961	6.9	41 10.65	+4.3072-.1417	-69 56 57.0	+18.872+.204	10.1	4
14697	13379	7.6	41 15.94	+3.6389-.0509	-51 31 25.9	+18.875+.171	10.2	4
14698	546	9.8	41 16.88	+8.6028-1.594	-85 20 51.5	+18.875+.414	10.4	4
14699	14331	6.8	41 24.34	+3.5614-.0428	-47 24 49.0	+18.879+.166	10.2	4
14700	9896	8.4	41 31.16	+3.7107-.0591	-54 53 11.5	+18.882+.174	9.7	4

14661 S.P. $55^s.07$, $13''.5$, 9.7, 22, 27; $11''.8$ included. 14675 $58''.9$, $2''.7$ included.

14684 $1''.7$, $2''.9$, $59''.7$, $2''.6$.

No.	Name	Mag.	R. A. 1910	Prec. and Sec. Var.	Decl. 1910	Prec. and Sec. Var.	Epoch.	No. Obs.
		M	h m s	s s	° ′ ″	″ ″		
14701	3709	6.5	22 41 33.00	+4.0817−.1075	−66 2 3.8	+18.883+.192	10.3	4
14702	14800	8.1	41 35.29	+3.5292−.0396	−45 31 31.2	+18.884+.164	10.0	4
14703	9897	8.9	41 47.17	+3.7086−.0591	−54 53 12.9	+18.890+.173	9.7	4
14704	16217	6.8	41 51.66	+3.3701−.0247	−33 39 24.0	+18.892+.156	9.6	4
14705	16071	6.8	41 57.34	+3.4768−.0346	−42 9 58.5	+18.895+.161	10.4	4
14706	1055	5.5	42 1.55*	+5.7660−.4715	−80 35 56.1*	+18.897+.272	10.1	8
14707	2723	7.4	42 2.36	+4.3981−.1587	−71 24 29.4	+18.897+.206	10.1	4
14708	16219	7.4	42 5.79	+3.3635−.0242	−33 8 50.9	+18.899+.155	10.1	4
14709	14803	7.5	42 11.33	+3.5245−.0394	−45 26 23.5	+18.902+.163	10.1	4
14710	4709	4.1	42 11.68	+2.8828+.0084	+23 5 30.2	+18.902+.132	9.8	16,20
14711	4875	4.3	42 11.79	+2.9803+.0033	+11 42 39.6	+18.902+.136	9.7	4
14712	9899	8.2*	42 12.89	+3.7073−.0593	−54 58 19.9	+18.902+.172	9.7	4
14713	1554	6.7	42 13.02	+5.0838−.2970	−77 31 34.1	+18.902+.239	10.4	4
14714	15735	6.4	42 16.40	+3.3796−.0257	−34 38 12.6	+18.904+.156	10.4	4
14715	7830	7.1	42 16.61	+3.8171−.0726	−59 9 33.2	+18.904+.177	10.6	4
14716	15509	7.2	42 24.50	+3.3868−.0264	−35 18 0.6	+18.908+.156	10.0	4
14717	6369	6.3	42 31.76	+3.9116−.0850	−62 9 33.3	+18.912+.181	10.2	4
14718	12071	7.3	42 38.15	+3.6388−.0518	−51 59 15.3	+18.915+.168	10.5	4
14719	15217	6.7	42 40.37	+3.4269−.0301	−38 41 41.6	+18.916+.157	9.8	8
14720	2726	6.4	42 52.51	+4.3414−.1507	−70 49 26.6	+18.922+.201	10.1	4
14721	15219	7.6	42 59.08	+3.4197−.0296	−38 13 54.2	+18.925+.156	10.5	4
14722	16324	6.5	43 0.01	+3.2911−.0183	−26 23 3.1	+18.925+.150	10.6	4
14723	4300	6.7	43 0.47	+3.9836−.0955	−64 11 37.7	+18.925+.183	10.6	4
14724	13389	3.7	43 7.44	+3.6314−.0513	−51 47 25.0	+18.929+.166	10.1	17
14725	15051	7.1	43 17.20	+3.4953−.0370	−43 55 17.2	+18.933+.159	10.2	4
14726	17943	6.9	43 31.48	+3.3056−.0196	−28 2 12.4	+18.940+.150	9.7	4
14727	15519	7.6*	43 37.57	+3.3814−.0262	−35 14 54.8	+18.943+.153	9.9	4
14728	12073	8.5	43 40.02	+3.6397−.0526	−52 23 32.2	+18.944+.165	9.9	4
14729	7834	7.5	44 0.89	+3.8082−.0731	−59 24 19.2	+18.954+.173	9.9	4
14730	17621	7.0	44 24.29	+3.2614−.0160	−23 34 6.4	+18.965+.146	10.0	4
14731	9907	7.0	44 29.45	+3.7066−.0609	−55 42 36.5	+18.968+.167	10.0	4
14732	2723	7.7	44 39.58	+4.3927−.1635	−71 54 8.0	+18.972+.199	10.3	4
14733	15232	8.4	44 40.47	+3.4135−.0296	−38 19 29.1	+18.973+.152	10.0	5
14734	7605	7.5	44 47.26	+3.8186−.0752	−60 0 7.4	+18.976+.171	10.1	4
14735	6354	4.2	44 49.68	+3.1804−.0097	−14 4 4.5	+18.977+.141	10.0	8,12
14736	16244	6.4	44 58.41	+3.3546−.0242	−33 16 52.0	+18.981+.149	10.6	4
14737	9908	8.0	45 3.06	+3.7017−.0608	−55 41 44.9	+18.984+.165	10.0	4
14738	16092	8.1	45 3.50	+3.4585−.0341	−41 57 40.6	+18.984+.154	9.9	4
14739	4824	7.8	45 5.03	+3.9254−.0899	−63 17 28.3	+18.984+.176	10.1	4
14740	4825	8.5	45 21.18	+3.9238−.0900	−63 19 43.4	+18.992+.175	9.7	1
14741	7835	7.3	45 32.20	+3.7989−.0733	−59 34 27.9	+18.997+.169	9.6	4
14742	4615	3.7	45 39.47	+2.8818+.0091	+24 7 34.0	+19.000+.126	10.0	23,36
14743	14848	5.4	45 55.01	+3.4241−.0310	−39 38 1.0	+19.008+.150	10.0	8
14744	7610	6.4	46 4.95	+3.8169−.0763	−60 21 30.6	+19.012+.168	9.7	4
14745	16098	7.4	46 10.87	+3.4542−.0341	−42 3 30.7	+19.015+.151	10.0	4
14746	4826	6.1	46 20.04	+3.9255−.0914	−63 39 54.4	+19.019+.173	10.2	4
14747	19324	6.0	46 23.31	+3.3162−.0211	−30 0 47.7	+19.021+.144	9.9	4
14748	17362	7.6	46 24.71	+3.2624−.0164	−24 14 33.6	+19.021+.142	10.1	4
14749	15602	7.3	46 41.96	+3.3819−.0272	−36 21 56.7	+19.029+.147	10.0	4
14750	14344	7.6	47 1.55	+3.5380−.0433	−48 3 10.1	+19.038+.153	10.1	4

14706 S.R. 1.37, 56.5, 10.0, 8.

No.	Name	Mag.	R. A. 1910	Prec. and Sec. Var.	Decl. 1910	Prec. and Sec. Var.	Epoch.	No. Obs.
		M	h m s	s s	° ′ ″	″ ″		
14751	1057	9.4	22 47 1.70	+5.4940−.4259	−80 11 52.9	+19.038+.243	9.6	4
14752	14854	7.3	47 2.59	+3.4164−.0307	−39 25 46.6	+19.039+.148	9.8	4
14753	4828	7.6	47 2.71	+3.9039−.0892	−63 17 38.9	+19.039+.170	10.5	4
14754	14345	7.6	47 9.73	+3.5441−.0441	−48 28 13.3	+19.042+.153	10.4	4
14755	12082	8.4	47 14.59	+3.6202−.0528	−52 42 7.4	+19.044+.157	10.4	4
14756	14858	7.9	47 19.28	+3.4195−.0311	−39 46 41.8	+19.046+.147	10.1	4
14757	4302	7.9	47 24.81	+3.9351−.0942	−64 14 31.8	+19.049+.171	10.4	4
14758	16270	4.5	47 31.57	+3.3461−.0241	−33 21 10.6	+19.052+.144	9.8	12
14759	1764	7.7	47 37.28	+4.6596−.2233	−75 20 36.4	+19.055+.203	10.2	4
14760	18485	7.6	47 44.98	+3.3085−.0207	−29 39 34.6	+19.058+.142	9.9	4
14761	5122	5.3	47 50.39	+3.0043+.0025	+ 9 21 23.6	+19.060+.128	10.5	4
14762	5968	3.8	47 55.20	+3.1310−.0062	− 8 3 31.6	+19.063+.133	10.0	19,29
14763	14847	6.9	48 2.00	+3.4944−.0391	−45 37 33.4	+19.066+.149	9.7	4
14764	13988	6.3	48 18.45	+3.5469−.0450	−49 4 29.8	+19.073+.151	10.6	4
14765	14944	7.3	48 24.12	+3.4159−.0312	−39 53 55.9	+19.076+.145	10.3	4
14766	2971	6.1	48 24.70*	+4.2358−.1439	−70 33 16.4*	+19.076+.182	10.3	15
14767	13822	9.2	48 43.71	+3.5601−.0468	−50 0 56.4	+19.084+.151	9.8	4
14768	3285	7.5	48 52.69	+4.1689−.1333	−69 34 58.0	+19.088+.178	10.2	4
14769	10363	9.9	49 7.96	+3.6137−.0533	−53 4 31.2	+19.095+.152	10.6	4
14770	1766	7.9	49 8.37	+4.6421−.2245	−75 28 29.0	+19.095+.198	9.8	4
14771	10364	10.0	49 12.00	+3.6123−.0532	−53 1 54.8	+19.097+.152	10.3	4
14772	331	9.2	49 18.91	+10.458−3.013	−86 51 22.1	+19.100+.455	9.6	4
14773	17661	8.7	49 21.74	+3.2441−.0154	−22 56 18.6	+19.101+.135	9.6	4
14774	16166	7.2	49 25.55	+3.2654−.0172	−25 27 38.1	+19.103+.136	9.6	4
14775	6173	3.5	49 52.54	+3.1902−.0109	−16 17 59.0	+19.115+.132	10.0	19,25
14776	14392	7.5	49 56.69	+3.5062−.0414	−47 9 25.3	+19.117+.146	10.0	4
14777	13997	6.7	50 1.73	+3.5342−.0446	−48 58 22.4	+19.119+.147	9.6	4
14778	13996	7.0	50 1.90	+3.5337−.0446	−48 56 48.7	+19.119+.147	9.6	4
14779	17665	6.7*	50 3.19	+3.2417−.0153	−22 50 36.6	+19.120+.134	9.9	5
14780	14981	6.4	50 12.04	+3.3731−.0275	−36 52 6.3	+19.124+.139	10.3	6
14781	15197	8.5	50 15.60	+3.4507−.0355	−43 21 49.3	+19.125+.143	10.0	4
14782	14474	7.7	50 16.84	+3.4989−.0408	−46 48 29.4	+19.126+.145	10.2	4
14783	3289	8.1	50 20.37	+4.1291−.1293	−69 15 51.1	+19.127+.172	10.5	4
14784	14002	8.1	50 33.24	+3.5343−.0450	−49 11 10.6	+19.133+.146	10.4	4
14785	15082	6.8	50 46.74	+3.4252−.0331	−41 34 39.3	+19.139+.140	10.2	4
14786	15198	7.2	50 47.44	+3.4436−.0350	−43 1 58.0	+19.139+.141	10.2	4
14787	17312	6.1	50 53.52	+3.3216−.0227	−32 6 47.2	+19.142+.136	10.1	4
14788	16303	4.3	50 58.01	+3.3302−.0236	−33 1 14.6	+19.144+.136	9.7	8
14789	16109	8.2	50 58.06	+3.2757−.0184	−27 8 4.6	+19.144+.134	9.9	4
14790	17321	6.5	51 23.81	+3.3192−.0226	−32 2 31.4	+19.155+.135	10.1	5
14791	14364	5.9	51 33.29	+3.5162−.0435	−48 26 59.6	+19.159+.143	9.8	4
14792	8021	7.1	51 34.86	+3.6986−.0660	−57 52 49.8	+19.159+.150	9.8	4
14793	2049	8.6	51 49.35	+4.4623−.1953	−74 15 31.2	+19.166+.183	9.8	4
14794	10166	7.2	51 52.82	+3.6835−.0643	−57 21 22.5	+19.167+.149	9.7	4
14795	7842	6.7	52 25.11	+3.7337−.0716	−59 34 10.8	+19.181+.150	9.9	4
14796	14877	8.9	52 28.77	+3.4684−.0386	−45 34 22.0	+19.182+.139	9.5	1
14797	19370	1.3	52 40.85	+3.2968−.0208	−30 5 57.7	+19.187+.131	10.1	25,46
14798	14879	7.8	52 47.12	+3.4676−.0387	−45 38 19.0	+19.190+.138	9.6	4
14799	15288	7.3	52 49.91	+3.3787−.0291	−38 24 58.8	+19.191+.134	9.9	5
14800	16395	7.3	52 53.81	+3.2655−.0179	−26 34 57.6	+19.193+.129	10.0	3

14766S.P. 24ˢ.76, 16ᵐ.3, 9.9, 10.

No.	Name	Mag.	R. A. 1910	Prec. and Sec. Var.	Decl. 1910	Prec. and Sec. Var.	Epoch.	No. Obs.
		M	h m s	s s	° ′ ″	″ ″		
14801	13437	8.8	22 53 6.61	+3.5521-.0487	-51 16 46.5	+19.198+.141	10.2	4
14802	13438	7.8	53 12.35	+3.5572-.0494	-51 36 33.6	+19.201+.141	10.2	4
14803	10170	8.7	53 22.35	+3.6682-.0637	-57 15 18.6	+19.205+.145	10.2	4
14804	15650	6.3	53 34.51	+3.3500-.0264	-36 0 7.9	+19.210+.132	9.7	8
14805	743	7.8	53 35.89	+6.2687-.7410	-83 11 17.1	+19.211+.253	9.6	4
14806	7621	7.9	53 42.56	+3.7501-.0753	-60 38 19.8	+19.213+.148	9.6	4
14807	4833	7.2	54 2.52	+3.8252-.0866	-63 15 12.9	+19.222+.150	9.7	4
14808	14885	7.4	54 4.63	+3.4606-.0386	-45 40 17.5	+19.222+.135	9.6	4
14809	19383	5.5	54 40.59	+3.2890-.0206	-29 56 41.3	+19.237+.127	9.7	5
14810	12096	7.5	54 50.54	+3.5555-.0504	-52 11 1.5	+19.241+.137	9.7	4
14811	14422	8.0	54 51.12	+3.4741-.0406	-46 58 27.4	+19.242+.134	9.7	4
14812	10377	9.2	54 56.98	+3.5747-.0529	-53 18 14.8	+19.244+.138	9.7	4
14813	16220	5.8	55 13.56	+3.2514-.0171	-25 38 41.5	+19.251+.124	10.2	5
14814	15105	7.1	55 19.35	+3.4033-.0327	-41 37 58.6	+19.253+.130	9.8	4
14815	16415	7.4	55 25.89	+3.2588-.0178	-26 37 58.0	+19.256+.124	10.1	5
14816	7847	7.1	55 30.97	+3.6882-.0685	-58 55 14.4	+19.258+.141	10.1	4
14817	16419	6.4	55 31.76	+3.2543-.0174	-26 6 31.1	+19.258+.124	10.3	4
14818	17699	8.1	55 31.78	+3.2301-.0151	-23 0 31.7	+19.258+.123	10.2	4
14819	13851	7.4*	55 32.12	+3.5136-.0457	-49 56 3.4	+19.258+.134	10.2	4
14820	16418	8.8	55 32.55	+3.2584-.0178	-26 36 55.8	+19.258+.124	10.2	4
14821	10382	4.2	55 34.33	+3.5688-.0526	-53 14 12.9	+19.259+.136	10.2	24
14822	14026	7.7	55 41.78	+3.5047-.0447	-49 25 33.2	+19.262+.133	9.9	4
14823	13446	5.6	55 50.47	+3.5356-.0486	-51 26 0.0	+19.266+.134	9.8	4
14824	16154	8.9	56 3.05	+3.2268-.0149	-22 44 39.7	+19.271+.121	9.9	4
14825	3736	8.7	56 13.39	+3.9167-.1042	-66 29 53.0	+19.275+.149	10.0	4
14826	4835	7.1	56 15.26	+3.8108-.0874	-63 34 11.1	+19.276+.144	10.1	4
14827	18537	5.7	56 24.72*	+3.2782-.0200	-29 20 12.6*	+19.279+.123	10.0	7
14828	17706	6.3	56 32.77	+3.2296-.0152	-23 16 25.9	+19.282+.121	9.7	4
14829	4309	7.6	56 33.02	+3.8481-.0937	-64 46 50.1	+19.283+.145	9.9	4
14830	17709	7.5	56 43.78	+3.2264-.0150	-22 54 6.7	+19.287+.120	9.8	4
14831	201	8.5	56 53.77	+16.486-10.33	-88 26 54.3	+19.291+.645	9.6	4
14832	13857	7.7	57 15.94	+3.5058-.0459	-50 10 31.6	+19.300+.130	9.7	4
14833	14905	7.2	57 19.12	+3.4436-.0384	-45 47 15.8	+19.301+.127	10.1	4
14834	10389	7.4	57 25.44	+3.5586-.0528	-53 26 58.1	+19.303+.132	9.9	4
14835	15047	6.5	57 33.96	+3.3425-.0270	-36 54 15.3	+19.307+.123	10.2	5
14836	14393	6.7	57 45.36	+3.4754-.0425	-48 19 56.0	+19.311+.128	10.1	4
14837	4664	3.6	57 46.59	+2.7516+.0190	+41 50 32.1	+19.312+.099	10.2	17
14838	9940	7.8	57 52.83	+3.5961-.0582	-55 39 5.2	+19.314+.132	9.9	4
14839	6354	5.5	57 56.01	+3.2123-.0138	-21 21 7.1	+19.315+.117	9.9	4
14840	14436	7.8	58 0.65	+3.4655-.0414	-47 44 15.5	+19.317+.127	10.3	4
14841	10183	7.9	58 8.28	+3.6209-.0618	-56 59 2.4	+19.320+.133	10.0	4
14842	15249	7.8	58 23.02	+3.4101-.0350	-43 33 35.7	+19.326+.124	10.4	4
14843	14921	7.2	58 28.74	+3.3587-.0292	-38 55 5.4	+19.328+.122	10.2	4
14844	15630	5.1	58 31.22	+3.3227-.0252	-35 14 10.1	+19.329+.120	9.8	8
14845	9992	8.1	58 36.96	+3.6005-.0594	-56 10 54.2	+19.331+.131	10.6	4
14846	15121	6.7	58 38.93	+3.3831-.0320	-41 18 5.9	+19.332+.122	10.6	4
14847	550	9.0	58 39.08	+7.4334-1.367	-85 21 57.2	+19.332+.278	9.9	4
14848	16160	6.9	58 45.73	+3.2546-.0182	-27 17 53.8	+19.335+.117	10.4	4
14849	19089	6.9*	58 49.19	+3.2838-.0212	-30 55 48.2	+19.336+.118	10.4	4
14850	14529	8.3	58 50.41	+3.4459-.0395	-46 39 9.7	+19.336+.124	10.6	4

14827 $24^s.57$, $14''.1$, $11''.1$ included.

No.•	Name	Mag.	R. A. 1910	Prec. and Sec. Var.	Decl. 1910	Prec. and Sec. Var.	Epoch.	No. Obs.
		M	h m s	s s	° ′ ″	″ ″		
14851	9943	8.2	22 58 51.71	+3.5853-.0576	-55 30 41.6	+19.337+.130	10.1	4
14852	16177	5.8	58 55.80	+3.3890-.0327	-41 57 54.4	+19.338+.122	10.3	4
14853	3301	5.6	58 55.98*	+4.0041-.1244	-69 18 25.2*	+19.338+.146	10.0	8
14854	18060	8.4	59 13.93	+3.2644-.0193	-28 43 22.7	+19.345+.116	10.1	4
14855	10197	5.3	59 20.65	+3.5617-.0548	-54 26 51.2	+19.348+.128	9.9	4
14856	4480	2.6	59 24.57	+2.8900+.0119	+27 35 39.7	+19.350+.102	10.2	9,12
14857	16172	7.2	59 58.16	+3.2536-.0183	-27 37 17.4	+19.362+.115	10.3	5
14858	15255	8.0	23 0 0.01	+3.4009-.0348	-43 30 40.9	+19.363+.120	9.7	4
14859	15693	7.4	0 3.46	+3.3270-.0263	-36 22 17.8	+19.364+.117	10.0	4
14860	4926	2.6	0 16.62	+2.9820+.0058	+14 43 14.8	+19.369+.104	9.8	28,38
14861	6722	8.0	0 17.92	+3.7112-.0774	-61 40 39.7	+19.370+.131	9.9	4
14862	16269	7.0	0 25.28	+3.2315-.0162	-24 50 9.6*	+19.372+.113	9.8	4,3
14863	6018	5.6	0 28.24	+3.1219-.0057	- 8 10 47.0	+19.374+.109	10.2	8,10
14864	15260	7.3	0 38.56	+3.3980-.0348	-43 33 51.4	+19.377+.119	9.7	4
14865	15022	7.9*	0 55.59	+3.3574-.0301	-39 54 16.2	+19.384+.117	9.8	4
14866	1064	6.2	1 5.77*	+4.9925-.3694	-79 57 59.4*	+19.388+.177	10.2	10
14867	10402	9.8	1 12.96	+3.5336-.0526	-53 40 12.8	+19.390+.122	10.6	4
14868	15146	8.1	1 35.09	+3.3979-.0352	-43 59 22.4	+19.398+.117	9.6	4
14869	15149	4.4	1 48.79	+3.3967-.0352	-44 0 23.6	+19.403+.116	10.1	16
14870	17497	4.8	1 50.93	+3.2235-.0156	-24 13 46.0	+19.404+.110	10.3	10
14871	14936	5.6	1 53.19	+3.3477-.0294	-39 22 44.1	+19.405+.114	10.0	8
14872	13885	6.3	1 58.53	+3.4728-.0450	-50 5 34.7	+19.407+.119	10.1	4
14873	13470	7.3	2 2.09	+3.4880-.0471	-51 10 22.6*	+19.408+.119	9.8	4,3
14874	13471	6.6	2 3.03	+3.4879-.0471	-51 10 20.5*	+19.409+.119	9.8	4,3
14875	19434	6.7*	2 4.12	+3.2697-.0206	-30 32 4.0	+19.409+.112	10.1	4
14876	10405	7.6	2 5.98	+3.5172-.0511	-53 5 23.0	+19.410+.120	9.9	4
14877	2054	6.1	2 20.81	+4.2382-.1800	-74 4 23.4	+19.415+.146	10.2	4
14878	10207	8.1	2 36.38	+3.5379-.0544	-54 33 44.0	+19.421+.120	9.7	4
14879	4321	7.4	2 59.94	+3.7577-.0887	-64 21 14.4	+19.429+.127	9.7	4
14880	7635[1]	10.0	3 9.71	+3.6458-.0709	-60 13 15.1	+19.433+.122	9.8	4
14881	7635[2]	7.7	3 11.51	+3.6455-.0709	-60 13 20.6	+19.433+.122	9.7	4
14882	18588	5.8	3 29.06	+3.2557-.0195	-29 18 35.8	+19.440+.108	10.2	13
14883	551	9.4	3 49.20	+7.1917-1.357	-85 29 53.4	+19.447+.246	9.8	4
14884	3560	6.8*	3 59.25	+3.8878-.1133	-68 21 46.2	+19.450+.129	9.7	4
14885	16495	6.8	4 2.39	+3.2323-.0171	-26 19 2.0	+19.451+.106	9.7	4
14886	4686	5.6	4 4.33	+3.0633-.0004	+ 1 38 15.6	+19.452+.100	9.8	5
14887	1563	8.1	4 14.36	+4.4617-.2399	-76 57 5.0	+19.456+.148	10.2	4
14888	202	8.5	4 25.90	+12.484-6.064	-88 2 51.0	+19.460+.429	9.9	4
14889	3949	6.5	4 27.08	+3.8410-.1057	-67 20 47.0	+19.460+.126	10.2	4
14890	6368	3.8	4 39.00	+3.1995-.0137	-21 39 39.8	+19.464+.103	9.9	13,20
14891	1024	6.5	4 42.52	+5.1840-.4573	-81 24 4.0	+19.465+.172	9.6	4
14892	18099	6.1	4 53.08	+3.2459-.0188	-28 34 36.2	+19.469+.104	10.5	4
14893	15281	5.8	4 57.85	+3.3726-.0340	-43 20 54.6	+19.471+.109	10.1	4
14894	6727	6.7	5 1.22	+3.6466-.0734	-61 3 6.9	+19.472+.118	9.9	4
14895	17771	4.9	5 6.60	+3.2067-.0145	-22 56 43.6	+19.474+.103	10.0	8
14896	15163	6.0	5 9.44	+3.3486-.0311	-41 4 42.9	+19.475+.108	10.4	4
14897	14947	4.1	5 16.13	+3.3968-.0373	-45 44 3.5	+19.477+.109	10.2	18
14898	15284	7.7	5 17.03	+3.3697-.0338	-43 14 30.8	+19.477+.108	10.6	4
14899	15285	9.0	5 20.20	+3.3654-.0333	-42 51 7.6*	+19.478+.108	10.4	4,3
14900	15054	7.6	5 24.13	+3.3421-.0304	-40 31 16.2	+19.480+.107	10.2	4

14853 S.P. 56ˢ.05, 25″.8, 9.9, 8.

14862 (12″.4).

14866 S.P. 5ˢ.84, 59″.5, 10.2, 7.

14873 (22″.4).

14874 (23″.4).

14899 (11″.0).

No.	Name	Mag.	R. A. 1910	Prec. and Sec. Var.	Decl. 1910	Prec. and Sec. Var.	Epoch.	No. Obs.
		M	h m s	s s	° ′ ″	″ ″		
14901	4857	7.0	23 5 39.29	+3.7071−.0843	−63 40 41.7	+19.485+.119	9.9	4
14902	13489	9.3	5 51.52	+3.4650−.0470	−51 26 57.8	+19.489+.110	10.1	4
14903	19460	6.5	5 54.88	+3.2530−.0199	−30 0 43.4	+19.490+.103	9.8	8
14904	15290	8.6	6 19.34	+3.3665−.0340	−43 27 58.6	+19.499+.106	9.7	4
14905	16209	8.1	6 21.72	+3.2332−.0178	−27 24 11.2	+19.500+.101	9.7	4
14906	16210	9.0	6 23.51	+3.2329−.0178	−27 22 42.6	+19.500+.101	9.7	4
14907	4580	6.4	7 26.96	+2.9220+.0120	+26 21 39.7	+19.521+.089	9.9	8
14908	10225	7.9*	7 42.99	+3.4990−.0536	−54 40 34.4	+19.527+.107	9.6	4
14909	9968	8.3	7 52.28	+3.5126−.0558	−55 35 41.8	+19.530+.107	9.7	4
14910	10226	8.5	7 52.41	+3.4993−.0538	−54 46 34.3	+19.530+.107	9.7	4
14911	13915	6.6	8 7.90	+3.4313−.0441	−50 6 29.2	+19.535+.104	9.6	4
14912	2999	7.1	8 17.45	+3.9191−.1292	−70 33 0.5	+19.538+.120	9.7	4
14913	14089	8.1	8 27.61	+3.4189−.0426	−49 17 24.7	+19.541+.103	9.7	4
14914	14090	8.4	8 30.63	+3.4228−.0432	−49 38 2.1	+19.542+.103	9.8	4
14915	15185	8.1	8 32.76	+3.3351−.0312	−41 25 31.7	+19.543+.100	9.8	4
14916	4862	6.2	8 34.09	+3.6607−.0808	−63 10 45.5	+19.543+.110	9.8	4
14917	3564	10.1	8 40.74	+3.8161−.1095	−68 14 33.8	+19.546+.115	10.2	4
14918	1027	8.2	9 9.28	+4.9302−.4082	−81 0 17.5	+19.555+.150	9.7	4
14919	6170	4.4	9 39.71	+3.1059−.0043	− 6 32 3.7	+19.564+.090	9.9	8,23
14920	18624	8.1	9 41.88	+3.2335−.0188	−28 56 54.9	+19.565+.094	10.0	6
14921	14097	8.5	9 42.08	+3.4130−.0428	−49 29 11.3	+19.565+.100	9.7	4
14922	10232	8.4	9 52.33	+3.5228−.0596	−57 13 19.0	+19.568+.103	9.7	4
14923	15197	5.8	9 59.36	+3.3293−.0312	−41 35 35.0*	+19.571+.097	9.8	4
14924	10234	6.7	10 8.55	+3.5198−.0594	−57 10 53.5	+19.574+.102	9.7	4
14925	7644	7.7	10 11.38	+3.5754−.0686	−60 11 4.2	+19.574+.104	9.6	4
14926	1028	8.9	10 22.92	+4.8616−.3950	−80 53 2.2	+19.578+.144	9.7	4
14927	16354	7.3*	10 31.21	+3.2081−.0160	−25 20 33.6	+19.581+.092	9.7	4
14928	1065	7.8	10 34.84	+4.6819−.3377	−79 55 30.5	+19.582+.138	10.2	4
14929	1029	8.2	10 51.43	+4.8511−.3954	−80 54 59.1	+19.587+.142	9.7	4
14930	3001	7.7	10 52.38	+3.8862−.1289	−70 44 31.5	+19.587+.112	10.2	4
14931	19491	6.6*	10 52.96	+3.2389−.0198	−30 20 16.4	+19.587+.092	10.1	5
14932	12131	7.1	10 56.80	+3.4406−.0479	−52 21 46.4	+19.589+.098	10.2	4
14933	6156	4.5	11 10.60	+3.1202−.0059	− 9 34 41.9	+19.593+.088	9.9	9,12
14934	10040	7.0	11 12.77	+3.4914−.0561	−56 1 5.9	+19.594+.099	9.9	4
14935	14980	9.6	11 13.23	+3.3552−.0356	−45 2 35.4	+19.594+.095	10.0	4
14936	15201	8.7	11 19.97	+3.3187−.0305	−41 9 14.4	+19.596+.094	10.1	4
14937	6412	5.7	11 33.48	+3.6109−.0768	−62 29 30.7	+19.600+.102	9.8	8
14938	14982	5.9	11 39.42*	+3.3521−.0354	−44 58 48.5	+19.602+.094	10.0	4
14939	3960	9.0	11 42.44	+3.7440−.1019	−67 24 1.0	+19.603+.106	10.4	4
14940	17821	7.3	11 42.66	+3.1953−.0147	−23 42 57.5	+19.603+.089	10.3	4
14941	12133	8.4	11 49.37	+3.4340−.0477	−52 21 11.2	+19.605+.096	10.4	4
14942	18640	7.2	11 49.64	+3.2282−.0188	−29 10 30.2	+19.605+.090	10.6	4
14943	15205	6.5	11 52.36	+3.3206−.0311	−41 41 10.1	+19.606+.092	10.7	4
14944	13522	8.3	11 52.49	+3.4266−.0466	−51 48 28.0	+19.606+.096	10.4	4
14945	4868	7.7	11 57.26	+3.6248−.0799	−63 16 21.2	+19.607+.102	10.5	4
14946	14601	9.6	12 6.06	+3.3613−.0370	−46 9 48.1	+19.610+.093	10.4	4
14947	9987	8.7	12 6.77	+3.4747−.0544	−55 25 28.2	+19.610+.097	10.2	4
14948	8062	4.1	12 10.99	+3.5283−.0633	−58 43 45.2	+19.611+.099	10.0	17
14949	18644	6.7	12 18.90	+3.2251−.0186	−28 55 38.0	+19.614+.089	10.2	4
14950	1067	6.3	12 23.75	+4.6300−.3339	−79 57 53.1	+19.615+.131	10.0	4

14923 33″.3, 35″.8, 35″.6, 35″.3.

14938 39ˢ.32, 39ˢ.34, 39ˢ.60, 39ˢ.44

No.	Name	Mag.	R. A. 1910	Prec. and Sec. Var.	Decl. 1910	Prec. and Sec. Var.	Epoch.	No. Obs.
		M	h m s	s s	° ′ ″	″ ″		
14951	1777	8.0	23 12 25.64	+4.1009-.1833	-75 0 26.5	+19.616+.115	10.6	4
14952	4648	3.8	12 29.97	+3.0591+.0007	+ 2 47 25.3	+19.617+.083	9.8	19,26
14953	6734	7.4	12 35.34	+3.5779-.0725	-61 29 24.4	+19.618+.099	10.2	4
14954	6735	6.7	12 41.08	+3.5769-.0724	-61 29 35.6	+19.620+.099	10.2	4
14955	3567	6.0	12 46.41	+3.7480-.1050	-67 57 47.7	+19.622+.104	10.1	4
14956	14466	7.3*	12 57.86	+3.3815-.0407	-48 36 17.4	+19.625+.092	9.9	4
14957	15211	5.6	13 12.04	+3.3107-.0305	-41 18 48.0	+19.629+.090	10.2	4
14958	6160	4.6	13 13.62	+3.1187-.0059	- 9 40 26.7	+19.630+.084	9.8	4
14959	9991	8.4	13 17.71	+3.4608-.0535	-55 8 28.3	+19.631+.094	9.9	4
14960	7648	7.7	13 18.72	+3.5502-.0686	-60 29 30.6	+19.631+.096	10.5	4
14961	8064	7.6	13 20.05	+3.5186-.0632	-58 47 39.5	+19.632+.096	10.1	4
14962	18650	8.0	13 39.98	+3.2211-.0185	-28 58 4.6	+19.638+.086	10.4	4
14963	14472	6.7	13 44.17	+3.3694-.0395	-47 55 38.8	+19.639+.090	9.7	4
14964	16476	4.5	13 58.01	+3.2458-.0219	-33 1 20.4	+19.643+.086	9.7	14
14965	18652	8.0	14 4.09	+3.2214-.0187	-29 13 58.3	+19.645+.085	10.1	4
14966	19218	6.9	14 4.52	+3.2326-.0202	-31 2 39.4	+19.645+.086	10.2	4
14967	18654	6.8	14 14.18	+3.2187-.0184	-28 52 49.8	+19.648+.085	10.5	4
14968	6094	5.2	14 16.81	+3.1197-.0061	-10 6 10.3	+19.648+.082	9.7	4
14969	14994	7.1	14 30.33	+3.2909-.0284	-39 38 59.7	+19.652+.086	9.7	4
14970	1576	7.4	14 33.89	+4.1382-.2018	-76 7 33.7	+19.653+.110	10.0	4
14971	10000	9.0	14 41.05	+3.4503-.0533	-55 12 23.0	+19.655+.090	9.9	4
14972	5966	5.7	14 44.00	+3.0983-.0036	- 5 36 59.2	+19.656+.080	9.8	5
14973	15222	7.6	14 45.79	+3.3050-.0306	-41 34 33.0	+19.657+.086	10.2	4
14974	16277	8.2	14 50.13	+3.3119-.0317	-42 27 17.0	+19.658+.086	9.9	4
14975	15985	6.4	14 51.17	+3.2503-.0229	-34 11 58.7	+19.658+.084	10.2	8
14976	204	5.6	14 57.54*	+10.460-4.818	-87 58 36.4*	+19.660+.289	9.8	17,32
14977	14474	6.8	14 58.50	+3.3626-.0395	-48 1 58.4	+19.660+.088	9.7	4
14978	17854	7.8	15 16.35	+3.1842-.0142	-23 18 53.5	+19.665+.082	9.7	4
14979	15340	7.9	15 27.28	+3.3187-.0331	-43 38 30.1	+19.668+.085	9.8	4
14980	13947	8.9	15 45.70	+3.3869-.0440	-50 48 6.2	+19.674+.086	9.7	4
14981	13948	6.2*	15 46.61	+3.3867-.0440	-50 47 51.5	+19.674+.086	9.7	4
14982	4810	4.6	16 10.86	+2.9634+.0112	+23 14 51.1	+19.681+.074	10.0	12,21
14983	16284	5.8	16 27.90	+3.2038-.0172	-27 28 46.6	+19.685+.080	10.0	6
14984	15004	7.9	16 29.88	+3.3282-.0354	-45 24 8.8	+19.686+.083	9.7	4
14985	1471	8.2	16 51.93	+4.2781-.2534	-78 16 55.6	+19.692+.108	9.7	4
14986	15352	7.4	17 17.58	+3.3090-.0329	-43 40 50.9	+19.699+.081	9.8	4
14987	15218	9.6	17 32.48	+3.3090-.0331	-43 51 17.0	+19.703+.081	9.9	4
14988	7654	6.1	17 42.84	+3.5068-.0673	-60 32 57.8	+19.706+.086	9.7	5
14989	8068	7.8	17 44.82	+3.4664-.0599	-58 7 6.3	+19.706+.084	9.7	4
14990	17620	7.6	18 4.47	+3.1805-.0145	-23 56 39.8	+19.712+.076	9.7	4
14991	4347	8.1	18 11.31	+3.5703-.0805	-64 1 46.2	+19.713+.086	9.7	4
14992	10061	6.6*	18 15.54	+3.4320-.0544	-56 2 48.9	+19.714+.082	9.7	4
14993	16300	7.2	18 23.58	+3.2905-.0308	-42 5 43.2	+19.716+.078	9.7	4
14994	2759	7.0	18 39.18	+3.8404-.1419	-72 39 29.5	+19.721+.092	9.8	4
14995	10280	7.7	18 47.53	+3.4052-.0503	-54 18 30.0	+19.723+.080	9.7	4
14996	10281	6.5	18 49.21	+3.4049-.0503	-54 18 6.5	+19.723+.080	9.7	4
14997	15360	6.1	18 49.52	+3.3001-.0327	-43 37 7.6	+19.723+.077	9.7	4
14998	19267	7.6*	18 55.46	+3.2191-.0203	-31 36 17.8	+19.725+.075	10.4	12
14999	15225	7.4	19 2.81	+3.3027-.0332	-44 5 39.4	+19.727+.077	9.8	4
15000	12150	5.7	19 10.69	+3.3798-.0463	-52 23 4.0	+19.729+.079	9.8	4

14976S.P. $57^{s}.46$, $36''.3$, 9.6, 22.34.

No.	Name	Mag.	R. A. 1910	Prec. and Sec. Var.	Decl. 1910	Prec. and Sec. Var.	Epoch.	No. Obs.
		M	h m s	s s	° ′ ″	″ ″		
15001	6119	6.5	23 19 19.67	+3.1691-.0132	-22 16 0.3	+19.731+.073	10.1	4
15002	15237	7.4	19 34.82	+3.2537-.0259	-37 41 42.4	+19.735+.075	9.7	5
15003	10453	7.6	19 39.50	+3.3853-.0478	-53 11 32.6	+19.736+.078	9.6	4
15004	10268	5.6	20 11.79	+3.4328-.0572	-57 20 35.0	+19.744+.078	9.6	4
15005	15232	8.7	20 20.04	+3.2975-.0334	-44 21 7.5	+19.746+.074	9.9	4
15006	418	7.6	20 20.12	+6.5416-1.447	-86 12 16.5*	+19.746+.156	9.6	4
15007	15866	8.0	20 23.12	+3.2437-.0248	-36 40 47.9	+19.747+.073	10.2	6
15008	4904	5.5	20 26.37	+2.9297+.0164	+31 53 25.4	+19.748+.065	10.6	8
15009	19543	7.9	20 38.79	+3.2070-.0192	-30 30 5.6	+19.751+.072	9.8	5
15010	10284	9.9	20 40.26	+3.3927-.0503	-54 31 4.7	+19.752+.076	10.0	4
15011	15369	8.5	20 45.83	+3.2878-.0321	-43 23 38.2	+19.753+.073	9.7	4
15012	4833	4.6	20 53.14	+2.9766+.0114	+22 54 30.6	+19.755+.065	9.8	7,10
15013	2068	7.6	21 11.78	+3.8754-.1604	-74 19 55.0	+19.759+.087	10.3	4
15014	4888	7.8	21 13.20	+3.5286-.0778	-63 43 55.6	+19.760+.078	10.2	4
15015	6420	4.5	21 19.20	+3.1593-.0124	-21 8 7.5	+19.761+.069	10.4	4
15016	18199	6.7	21 25.14	+3.1912-.0171	-27 55 12.1	+19.763+.070	10.6	4
15017	10461	5.5	21 34.69	+3.3708-.0474	-53 13 11.4	+19.765+.074	10.0	13
15018	17899	9.4	21 37.89	+3.1681-.0138	-23 14 10.4	+19.766+.068	10.4	4
15019	6421	8.5	21 47.10	+3.1607-.0127	-21 41 7.7	+19.768+.068	10.3	4
15020	3964	6.5	21 47.77	+3.5969-.0939	-67 4 33.3	+19.768+.079	10.7	4
15021	7889	7.3	21 50.68	+3.4399-.0610	-58 55 3.4	+19.769+.075	10.0	4
15022	6128	6.6	21 50.93	+3.1630-.0131	-22 14 9.0	+19.769+.068	10.2	9
15023	4889	6.7	21 56.60	+3.5104-.0755	-63 13 56.9	+19.770+.076	10.4	4
15024	7890	5.6	22 7.35	+3.4380-.0610	-58 58 23.0	+19.773+.074	10.0	4
15025	13976	6.3	22 9.83	+3.3404-.0426	-50 39 10.3	+19.773+.072	10.3	4
15026	13977	7.7	22 10.89	+3.3414-.0428	-50 46 26.9	+19.774+.072	10.1	4
15027	13978	9.1	22 15.05	+3.3410-.0427	-50 46 26.8	+19.775+.071	10.6	1
15028	17904	7.4	22 16.55	+3.1665-.0137	-23 13 6.7	+19.775+.067	10.4	4
15029	4998	4.9	22 19.13	+3.0696+.0002	+ 0 45 45.9	+19.776+.065	9.9	20,36
15030	16320	7.4*	22 46.52	+3.1863-.0169	-27 46 25.4	+19.782+.067	9.8	4
15031	13570	7.5	22 52.01	+3.3372-.0427	-50 50 21.5	+19.783+.070	9.8	4
15032	10277	7.5	23 8.53	+3.4012-.0553	-56 55 49.8	+19.787+.071	9.9	4
15033	15895	6.4	23 11.05	+3.2280-.0239	-36 2 24.3	+19.788+.067	9.7	8
15034	5173	4.4	23 24.13	+3.0506+.0028	+ 5 53 3.9	+19.791+.062	10.1	11,18
15035	15037	7.6	23 33.91	+3.2447-.0269	-39 8 29.8	+19.793+.066	9.9	4
15036	16654	6.9	23 40.26	+3.1750-.0155	-25 54 57.1	+19.795+.065	10.0	5,4
15037	7663	7.0	23 42.36	+3.4366-.0633	-59 55 56.7	+19.795+.071	10.2	4
15038	4891	5.7	23 48.88	+3.4959-.0761	-63 36 21.9	+19.797+.072	10.0	4
15039	15043	6.5	24 6.53	+3.2809-.0337	-44 59 36.3	+19.801+.066	10.0	4
15040	10031	6.6	24 15.54	+3.3689-.0505	-54 59 51.2	+19.803+.068	10.0	4
15041	10467	6.9	24 25.85	+3.3484-.0467	-53 10 28.4	+19.805+.067	9.9	4
15042	5009	4.7	24 36.10	+3.0278+.0061	+12 15 50.3	+19.807+.060	9.9	9,14
15043	5999	6.4	24 52.92	+3.0904-.0027	- 5 1 23.1	+19.811+.060	9.8	8
15044	14673	8.0	24 55.27	+3.2864-.0355	-46 23 16.9	+19.812+.065	9.6	4
15045	2071	8.2	25 28.79	+3.8021-.1588	-74 37 52.7	+19.819+.075	9.7	4
15046	6138	7.5	25 32.14	+3.1550-.0129	-22 22 48.3	+19.820+.060	9.6	4
15047	1036	7.4	25 37.34	+4.3815-.3590	-81 19 30.5	+19.821+.087	9.7	4
15048	3325	7.2	25 39.30	+3.6082-.1072	-69 34 12.0	+19.821+.070	9.7	4
15049	16353	6.8	25 42.89	+3.2549-.0304	-42 28 59.6	+19.822+.062	9.7	4
15050	15280	7.7	25 44.75	+3.2250-.0250	-37 27 14.1	+19.823+.062	10.3	8

15006 14″.7, 17″.8, 17″.4, 16″.0

No.	Name	Mag.	R. A. 1910	Prec. and Sec. Var.	Decl. 1910	Prec. and Sec. Var.	Epoch.	No. Obs.
		M	h m s	s s	° ′ ″	″ ″		
15051	17702	7.5	23 25 55.51	+3.1636−.0145	−24 41 35.9	+19.825+.060	10.1	4
15052	15821	8.1	26 7.23	+3.2135−.0232	−35 36 10.4	+19.827+.060	10.1	6
15053	3780	9.8	26 15.31	+3.5294−.0895	−66 46 30.7	+19.829+.067	10.0	4
15054	10088	7.2	26 28.06	+3.3684−.0537	−56 38 20.4	+19.832+.063	9.9	4
15055	15055	5.9	26 33.66	+3.2691−.0338	−45 20 22.8	+19.833+.061	9.9	4
15056	16363	8.4	26 34.22	+3.2515−.0305	−42 39 24.8	+19.833+.060	9.7	4
15057	10305	8.5	26 44.34	+3.3411−.0484	−54 15 55.0	+19.835+.062	9.9	4
15058	15924	8.3	26 46.43	+3.2169−.0242	−36 47 6.9	+19.836+.059	9.8	4
15059	2074	8.1	26 48.24	+3.7776−.1578	−74 41 52.5	+19.836+.071	9.7	4
15060	17552	8.7	26 54.58	+3.1919−.0198	−31 49 57.6	+19.837+.059	10.1	6
15061	10089	9.3	26 56.85	+3.3657−.0538	−56 46 0.6	+19.838+.062	9.7	4
15062	6141	6.2	26 59.03	+3.1495−.0125	−21 51 58.5	+19.838+.058	10.4	4
15063	10090	9.2	26 59.27	+3.3651−.0538	−56 44 44.7	+19.838+.062	9.7	4
15064	16367	6.8	27 0.64	+3.2466−.0300	−42 14 57.7	+19.839+.060	10.0	4
15065	7897	7.9*	27 1.60	+3.3978−.0609	−59 30 0.5	+19.839+.063	10.2	4
15066	6142	7.2	27 5.71	+3.1488−.0124	−21 44 45.8	+19.840+.057	10.4	4
15067	16683	6.7	27 11.57	+3.1665−.0155	−26 14 29.1	+19.841+.058	10.2	4
15068	4354	7.7	27 19.26	+3.4645−.0767	−64 9 3.8	+19.843+.063	10.4	4
15069	1473	5.8	27 32.04*	+3.9513−.2168	−77 52 56.4*	+19.845+.073	9.7	8
15070	14000	8.1	27 37.13	+3.3017−.0414	−50 36 45.5	+19.846+.059	9.9	4
15071	15059	7.0	27 47.98	+3.2638−.0340	−45 37 7.5	+19.848+.058	9.9	4
15072	15527	4.5	28 8.89	+3.2188−.0256	−38 18 57.7	+19.853+.057	10.2	30,28
15073	2075	8.2	28 21.75*	+3.7238−.1493	−74 14 0.0*	+19.855+.066	9.7	8
15074	15271	8.7	28 21.84	+3.2343−.0287	−41 20 32.8	+19.855+.056	9.9	4
15075	10292	8.4	28 25.77	+3.3609−.0552	−57 31 35.7	+19.856+.059	10.1	4
15076	7667	8.8	28 28.32	+3.3953−.0631	−60 24 58.3	+19.857+.060	10.1	4
15077	10293	8.0	28 29.44	+3.3606−.0553	−57 33 4.0	+19.857+.059	10.1	4
15078	6437	4.8	28 34.10	+3.1442−.0121	−21 24 43.1	+19.858+.054	10.1	8
15079	19333	7.3	28 39.88	+3.1854−.0196	−31 47 12.3	+19.859+.055	10.3	6
15080	12169	8.5	28 44.50	+3.3070−.0440	−52 13 25.0	+19.860+.057	9.8	4
15081	15940	7.3	28 57.18	+3.2074−.0240	−36 45 41.1	+19.862+.055	9.7	4
15082	2765	7.6	29 13.60	+3.6061−.1190	−71 27 44.7	+19.866+.062	10.2	4
15083	16517	7.5	29 16.20	+3.1572−.0147	−25 21 27.2	+19.866+.053	9.8	4
15084	4978	5.2	29 29.08	+2.9666+.0166	+30 49 42.4	+19.869+.049	10.0	6
15085	15419	6.9	29 59.92	+3.2362−.0306	−43 10 54.7	+19.874+.053	9.7	4
15086	10297	6.9	30 3.73	+3.3439−.0542	−57 19 21.1	+19.875+.055	9.9	4
15087	4148	7.4	30 5.28	+3.4487−.0797	−65 11 13.9	+19.876+.057	9.9	4
15088	10100	8.2	30 6.72	+3.3351−.0523	−56 30 19.8*	+19.876+.055	10.0	4
15089	15843	7.1	30 7.18	+3.1968−.0228	−35 34 52.4	+19.876+.052	10.3	10
15090	15420	4.8	30 14.26	+3.2345−.0305	−43 6 45.9	+19.877+.053	10.0	20
15091	14628	8.5	30 41.43	+3.2581−.0360	−47 26 7.2	+19.882+.052	9.8	4
15092	339	7.9	30 50.51	+6.1999−1.659	−86 53 47.3	+19.884+.106	9.7	4
15093	6142	6.5	30 53.51	+3.0962−.0040	− 7 57 46.0	+19.885+.049	9.7	5
15094	18257	6.7	30 55.45	+3.1624−.0165	−27 59 3.9	+19.885+.050	9.7	4
15095	15084	7.6	30 59.99	+3.2113−.0264	−39 27 4.3	+19.886+.051	9.7	4
15096	19351	7.5	31 15.75	+3.1735−.0189	−31 8 37.2	+19.889+.049	10.1	6
15097	16377	6.6*	31 26.10	+3.1585−.0160	−27 22 27.5	+19.891+.049	10.2	12
15098	15080	7.2	31 43.61	+3.2393−.0331	−45 23 24.7	+19.894+.050	9.9	4
15099	16539	7.7	31 57.87	+3.1511−.0148	−25 44 12.8	+19.896+.048	9.8	4
15100	17593	6.5	32 20.11	+3.1745−.0198	−32 22 9.2	+19.900+.047	10.2	8

15069 S.P. 32ˢ.09, 56″.3, 9.8, 12, 11, (59″.0). 15073 S.P. 21ˢ.66, 0″.8, 10.0, 6.

15088 19″.5, 19″.2, 19″.3, 21″.4 (?).

No.	Name	Mag.	R. A. 1910	Prec. and Sec. Var.	Decl. 1910	Prec. and Sec. Var.	Epoch.	No. Obs.
		M	h m s	s s	° ′ ″	″ ″		
15101	14713	9.4	23 32 24.34	+3.2386−.0337	−45 58 8.6	+19.901+.048	9.7	4
15102	12184	8.1	32 30.58	+3.2789−.0432	−52 13 50.3	+19.902+.049	9.7	4
15103	1583	6.0	32 49.40	+3.7780−.1900	−77 22 3.0	+19.905+.057	10.2	4
15104	2767	7.6	32 55.46	+3.5406−.1148	−71 24 8.1	+19.906+.052	9.8	4
15105	14721	8.4	33 0.23	+3.2355−.0338	−46 4 0.3	+19.907+.047	9.7	3
15106	14720	4.9	33 0.50	+3.2351−.0337	−45 59 25.5	+19.907+.047	9.7	11
15107	16553	7.7	33 8.51	+3.1466−.0144	−25 22 30.6	+19.908+.045	9.8	4
15108	4283	4.0	33 9.27	+2.9110+.0279	+45 58 13.4	+19.909+.041	10.1	11
15109	16409	8.0*	33 14.66	+3.2130−.0289	−42 3 49.2	+19.910+.046	10.0	4
15110	10305	7.7	33 16.59	+3.3115−.0524	−56 56 58.2	+19.910+.048	10.4	4
15111	4913	6.7	33 41.86	+3.3779−.0707	−63 23 2.0	+19.914+.048	10.1	4
15112	4720	4.3	33 43.10	+2.9311+.0254	+42 46 11.3	+19.914+.040	10.1	9
15113	6453	8.0	34 0.13	+3.1317−.0117	−21 21 57.5	+19.917+.043	9.9	4
15114	14730	7.2	34 5.70	+3.2292−.0336	−46 6 35.9	+19.918+.045	9.9	4
15115	16419	8.2	34 7.71	+3.2079−.0287	−41 58 25.3	+19.918+.044	10.0	4
15116	2299	7.4	34 18.54	+3.5677−.1298	−73 12 8.6	+19.920+.050	10.0	4
15117	3787	7.3	34 36.32	+3.4165−.0843	−66 45 6.2	+19.923+.047	10.2	4
15118	14651[1]	7.4	34 37.76	+3.2316−.0349	−47 8 14.1	+19.923+.044	9.7	4
15119	14651[2]	6.8	34 38.26	+3.2316−.0349	−47 8 14.4	+19.923+.044	9.7	8
15120	13628	8.3	34 51.79	+3.2548−.0410	−51 15 12.1	+19.926+.044	10.1	4
15121	17984	7.2	34 59.76	+3.1344−.0127	−23 1 53.4	+19.927+.041	10.2	5
15122	16646	7.2	35 6.02	+3.1675−.0202	−33 14 4.3	+19.928+.042	10.6	8
15123	12193	7.9	35 8.85	+3.2584−.0424	−52 6 55.7	+19.928+.043	10.4	4
15124	14566	6.9*	35 10.07	+3.2320−.0358	−47 49 30.2	+19.928+.042	10.4	4
15125	5035	4.3	35 19.23	+3.0596+.0031	+ 5 8 18.1	+19.930+.040	10.0	32,43
15126	16736	7.5	35 43.26	+3.1436−.0152	−26 41 49.5	+19.934+.040	10.2	4
15127	17620	8.7	35 53.80	+3.1616−.0195	−32 24 45.2	+19.935+.040	10.3	5
15128	17621	5.3	35 54.99	+3.1621−.0196	−32 34 14.8*	+19.935+.040	9.9	9,8
15129	10321	7.6	35 57.43	+3.2873−.0515	−56 55 6.4	+19.936+.042	9.7	4
15130	4522	4.3	35 58.29	+2.9382+.0266	+43 50 8.1	+19.936+.036	9.9	6
15131	15588	7.6	36 15.43	+3.1819−.0247	−38 21 57.1	+19.938+.040	9.7	4
15132	17623	7.2*	36 23.90	+3.1603−.0196	−32 34 15.7	+19.940+.039	9.9	5
15133	17796	6.7	36 25.24	+3.1355−.0137	−24 39 33.1	+19.940+.038	9.9	4
15134	16433	7.9	36 41.36	+3.1950−.0285	−42 4 46.4	+19.942+.039	9.7	4
15135	16435	7.3	37 10.52	+3.1954−.0292	−42 46 1.5	+19.947+.038	9.7	4
15136	10327	8.0	37 17.09	+3.2752−.0511	−56 52 45.0	+19.948+.039	9.8	4
15137	10338	8.2	37 19.69	+3.2537−.0451	−53 55 22.0	+19.948+.038	9.8	4
15138	5037	4.6	37 27.21	+3.0696+.0012	+ 1 17 4.5	+19.949+.036	9.6	4
15139	6762	7.2	37 29.29	+3.3145−.0630	−61 33 39.9	+19.949+.039	9.8	4
15140	8095	8.1	37 42.69	+3.2840−.0546	−58 27 39.1	+19.951+.038	9.9	4
15141	15296	9.6	37 55.90	+3.1872−.0279	−41 44 37.9	+19.953+.036	9.9	4
15142	6476	4.6	38 3.37	+3.1069−.0076	−15 2 33.7	+19.954+.035	10.1	10,17
15143	756	7.6	38 9.00	+4.1095−.4056	−83 0 20.4	+19.955+.049	9.7	4
15144	2770	7.5	38 9.76	+3.4486−.1090	−71 19 8.0	+19.955+.039	10.2	4
15145	2091	7.9	38 17.71	+3.5350−.1411	−74 42 52.8	+19.956+.040	9.9	4
15146	14668	6.8	38 18.81	+3.2070−.0339	−46 48 42.9	+19.956+.036	9.8	4
15147	18811	7.2	38 19.90	+3.1440−.0170	−29 32 35.2	+19.956+.035	10.2	6
15148	15353	7.5	38 22.77	+3.1684−.0234	−37 17 4.0	+19.957+.035	10.1	4
15149	16443	8.6	38 37.81	+3.1850−.0282	−42 6 20.1	+19.959+.035	10.1	4
15150	16671	7.1	38 39.31	+3.1550−.0202	−33 34 53.5	+19.959+.034	10.4	6,5

15128 (12″.8).

No.	Name	Mag.	R. A. 1910	Prec. and Sec. Var.	Decl. 1910	Prec. and Sec. Var.	Epoch.	No. Obs.
		M	h m s	s s	° ′ ″	″ ″		
15151	12208	8.6	23 38 43.21	+3.2302−.0411	−51 50 54.4	+19.960+.035	10.4	4
15152	14749	7.1	39 6.98	+3.1983−.0326	−45 57 38.2	+19.963+.034	10.1	4
15153	16150	6.9*	39 8.95	+3.1542−.0204	−33 55 36.5	+19.963+.033	10.2	4
15154	15114	6.3	39 12.11	+3.1961−.0322	−45 34 57.7	+19.963+.034	10.4	4
15155	1239	5.7	39 13.84	+3.7120−.2223	−79 17 28.2	+19.964+.040	10.6	4,3
15156	4159	5.7	39 15.03*	+3.3305−.0736	−64 54 17.7*	+19.964+.035	9.8	10
15157	2771	6.0	39 17.07*	+3.4227−.1054	−70 59 28.9*	+19.964+.036	9.8	8
15158	4160	6.9	39 20.52	+3.3286−.0733	−64 50 20.8	+19.965+.035	9.8	4
15159	15301	7.6	39 26.12	+3.1773−.0271	−41 11 7.6	+19.965+.033	10.2	4
15160	10080	7.4	39 29.15	+3.2427−.0464	−54 56 7.0	+19.966+.034	10.3	4
15161	6500	5.3	39 32.11	+3.1130−.0097	−18 46 35.6	+19.966+.032	9.8	4
15162	16762	6.3	39 48.05	+3.1318−.0149	−26 44 45.0	+19.968+.032	10.1	4
15163	15137	8.0	40 8.84	+3.1656−.0247	−38 49 56.5	+19.971+.032	9.7	4
15164	14241	9.6	40 51.94	+3.2015−.0366	−49 10 34.4	+19.976+.030	9.7	4
15165	3980	8.4	41 3.58	+3.3369−.0829	−67 21 8.1	+19.978+.032	9.7	4
15166	15615	8.4	41 16.17	+3.1592−.0242	−38 28 33.1	+19.979+.029	10.2	8
15167	15239	6.3	41 16.51	+3.1663−.0264	−40 40 53.5	+19.979+.029	9.7	4
15168	2774	8.4	41 25.93	+3.3972−.1075	−71 34 26.3	+19.980+.032	9.8	4
15169	4321	5.1	41 34.16	+2.9617+.0294	+45 55 14.2	+19.981+.026	10.3	14
15170	658	7.9	41 42.37	+4.1520−.5130	−84 21 45.6	+19.982+.040	9.7	4
15171	14244	9.1	41 45.54	+3.1968−.0368	−49 27 31.9	+19.982+.029	9.8	4
15172	16457	7.5	41 46.79	+3.1683−.0277	−42 3 37.2	+19.983+.028	9.8	4
15173	15130	7.5	41 47.94	+3.1798−.0314	−45 19 40.6	+19.983+.028	10.0	4
15174	2313	8.0	42 0.74	+3.4285−.1239	−73 35 57.6	+19.984+.031	10.2	4
15175	10144	7.5	42 2.31	+3.2295−.0484	−56 18 35.8	+19.984+.028	9.7	4
15176	10145	8.0	42 11.43	+3.2258−.0476	−55 54 30.6	+19.985+.028	10.2	4
15177	2783	7.1	42 21.85	+3.3851−.1083	−71 48 20.5	+19.987+.030	9.8	4
15178	3335	7.2	42 25.67	+3.3377−.0897	−68 53 36.1	+19.987+.029	10.2	4
15179	14047	5.4	42 29.66	+3.1972−.0385	−50 43 33.3	+19.987+.027	10.2	4
15180	14610	7.0	42 38.81	+3.1879−.0357	−48 46 13.8	+19.988+.027	9.9	4
15181	16450	8.1	42 46.06	+3.1147−.0120	−22 46 24.2	+19.989+.026	10.0	4
15182	4173	7.4	42 46.32	+3.2952−.0749	−65 44 27.9	+19.989+.028	10.2	4
15183	15626	7.8	42 48.24	+3.1526−.0242	−38 39 22.8	+19.990+.026	10.2	6
15184	14766	8.6	42 51.16	+3.1754−.0318	−45 49 43.9	+19.990+.026	10.0	4
15185	12215	7.3	43 1.22	+3.2024−.0416	−52 42 18.4	+19.991+.026	10.1	4
15186	3981	7.0	43 2.91	+3.3060−.0803	−67 4 5.2	+19.991+.027	10.4	4
15187	5707	5.6	43 18.94	+3.0781−.0008	− 3 15 43.0	+19.993+.024	9.7	5
15188	13684	6.9	43 21.43	+3.1939−.0394	−51 23 25.2	+19.993+.025	9.7	4
15189	15630	9.5	43 29.68	+3.1491−.0240	−38 31 19.0	+19.994+.024	9.9	4
15190	14613	6.8	44 3.19	+3.1762−.0346	−48 9 0.5	+19.997+.024	9.7	4
15191	18352	9.4	44 9.33	+3.1229−.0158	−28 37 7.2	+19.998+.023	9.8	5
15192	14701	7.1	44 11.53	+3.1725−.0335	−47 20 34.0	+19.998+.023	9.9	4
15193	13687	8.2	44 12.11	+3.1875−.0390	−51 18 34.5	+19.998+.024	10.0	4
15194	18352	4.6	44 14.40	+3.1226−.0158	−28 37 40.8	+19.999+.023	10.0	16,23
15195	3799	7.3	44 34.82	+3.2817−.0779	−66 45 21.2	+20.001+.024	9.9	4
15196	18361	7.0	44 39.76	+3.1208−.0156	−28 21 12.1	+20.001+.022	10.1	4
15197	6199	7.1	44 46.63	+3.1086−.0114	−22 6 52.3	+20.002+.022	10.4	4
15198	4931	6.4	44 54.51	+3.2477−.0652	−63 20 20.5	+20.003+.023	10.1	4
15199	16485	8.3	45 4.56	+3.1530−.0280	−42 46 41.4	+20.004+.021	10.5	1
15200	4649	5.9	45 5.94*	+3.0257+.0166	+28 20 29.1	+20.004+.020	10.6	5

15156S.P. $15^s.05$, $19''.3$, 10.1, 9, 8, ($12''.3$) 15157S.P. $17^s.27$, $29''.6$, 9.8, 9 15200 $5^s.80$ included.

No.	Name	Mag.	R. A. 1910	Prec. and Sec. Var.	Decl. 1910	Prec. and Sec. Var.	Epoch.	No. Obs.
		M	h m s	s s	° ′ ″	″ ″		
15201	6768	7.5	23 45 9.38	+3.2327−.0600	−61 38 10.0	+20.004+.022	10.0	4
15202	16796	6.4	45 9.93	+3.1144−.0138	−25 49 52.7	+20.004+.021	10.2	4
15203	16486	7.5	45 12.14	+3.1524−.0280	−42 48 3.3	+20.004+.021	10.2	4
15204	19702	7.7	45 33.34	+3.1209−.0167	−29 54 9.6	+20.006+.020	10.0	4
15205	6177	6.1	45 36.11	+3.0880−.0045	−10 28 36.3	+20.006+.020	9.6	4
15206	3336	7.3	45 39.42	+3.2972−.0909	−69 35 31.7	+20.007+.022	10.1	4
15207	1078	7.9	45 46.55	+3.5625−.2315	−80 23 57.4	+20.007+.024	9.8	4
15208	12220	7.7	45 49.17	+3.1791−.0401	−52 12 12.4	+20.008+.020	10.0	4
15209	14620	6.6	45 52.16	+3.1636−.0339	−47 52 41.9	+20.008+.020	10.3	4
15210	14270	6.9	46 17.42	+3.1650−.0355	−49 9 34.8	+20.010+.019	9.7	4
15211	3803	8.2	46 19.43	+3.2500−.0730	−65 48 55.9	+20.010+.020	10.2	4
15212	16493	7.7	46 20.97	+3.1444−.0271	−42 6 1.5	+20.010+.019	10.0	5
15213	15521	7.8	46 39.56	+3.1447−.0279	−42 52 11.9	+20.012+.018	10.2	4
15214	16496	8.1	46 44.71	+3.1428−.0273	−42 16 23.2	+20.012+.018	9.9	4
15215	16729	7.6	46 47.66	+3.1224−.0188	−32 55 52.2	+20.013+.018	9.7	4
15216	10108	9.6	46 50.14	+3.1851−.0459	−55 44 0.8	+20.013+.018	10.0	4
15217	905	5.1	46 51.49*	+3.6558−.3123	−82 31 8.7*	+20.013+.022	9.8	17,40
15218	423	7.9	46 53.47	+4.2858−.8466	−86 23 48.5	+20.013+.027	9.8	4
15219	4175	8.7	46 56.49	+3.2380−.0708	−65 18 16.9	+20.013+.018	10.4	4
15220	15973	6.8*	46 58.28	+3.1261−.0207	−35 11 29.4	+20.014+.017	9.8	8
15221	15339	6.7	47 1.58	+3.1390−.0262	−41 19 36.6	+20.014+.017	10.4	4
15222	15525	7.3	47 4.60	+3.1432−.0282	−43 10 25.2	+20.014+.017	10.0	4
15223	16205	8.0	47 8.46	+3.1230−.0196	−33 57 16.8	+20.014+.017	10.5	4
15224	16732	7.0	47 14.35	+3.1220−.0194	−33 37 21.3	+20.015+.017	10.5	4
15225	10540	7.9	47 28.86	+3.1688−.0407	−52 50 0.0	+20.016+.017	10.3	4
15226	7930	7.3	47 43.32	+3.1919−.0525	−59 3 3.7	+20.017+.016	10.2	4
15227	5231	5.2	47 54.45	+3.0488+.0111	+18 37 13.6	+20.018+.015	10.0	9,11
15228	2324	7.6	47 55.21	+3.3014−.1103	−72 54 1.4	+20.018+.017	10.1	4
15229	16678	6.9	48 1.92	+3.1058−.0134	−25 29 10.4	+20.019+.015	10.4	4
15230	10374	8.8	48 7.28	+3.1803−.0485	−57 16 28.6	+20.019+.016	10.2	4
15231	10112	7.6	48 24.74	+3.1685−.0438	−54 52 2.0	+20.020+.015	9.6	4
15232	758	6.8	48 25.86	+3.6651−.3622	−83 30 30.5*	+20.020+.018	9.8	4,3
15233	1044	8.4	48 29.30	+3.4887−.2340	−80 50 31.4	+20.021+.017	9.7	4
15234	14284	8.5	48 40.66	+3.1496−.0354	−49 26 10.7	+20.022+.014	10.1	4
15235	17897	6.2	48 41.69	+3.1029−.0128	−24 43 47.6	+20.022+.014	10.1	9
15236	3810	6.7	48 53.56	+3.2211−.0739	−66 27 0.4	+20.022+.014	10.0	4
15237	14071	8.1*	48 57.31	+3.1491−.0360	−49 56 0.9	+20.023+.014	9.8	4
15238	19728	7.4	49 4.70	+3.1091−.0163	−29 53 51.3	+20.023+.013	10.2	6
15239	14726	9.2	49 11.07	+3.1409−.0326	−47 19 51.5	+20.024+.013	9.8	4
15240	19492	7.8*	49 18.27	+3.1098−.0170	−30 51 25.3	+20.024+.013	10.2	4
15241	7695	7.0	49 28.56	+3.1790−.0541	−60 2 35.1	+20.025+.013	10.0	4
15242	16479[1]	7.5	49 41.86	+3.1038−.0146	−27 32 37.6	+20.026+.012	9.7	4
15243	16479[2]	7.1	49 42.47	+3.1038−.0146	−27 32 37.3	+20.026+.012	9.7	4
15244	15285	6.0	49 55.66	+3.1232−.0253	−40 48 6.3	+20.027+.012	9.8	4
15245	1243	7.7	49 57.89	+3.3736−.1825	−79 0 18.6	+20.027+.013	9.9	4
15246	15674	7.7*	50 25.49	+3.1159−.0226	−37 51 54.5*	+20.028+.010	10.0	6,5
15247	6222	7.3	50 32.17	+3.0947−.0108	−21 52 47.7	+20.029+.010	10.0	4
15248	17723	6.0	50 37.45	+3.1072−.0181	−32 25 20.9	+20.029+.010	10.2	14
15249	17724	6.7	50 37.57	+3.1072−.0180	−32 23 7.0	+20.029+.010	9.9	5
15250	14076	7.8	50 42.64	+3.1385−.0366	−50 36 53.0	+20.030+.010	9.8	4

15217S.P. 51^{s}.49, 8$^{''}$.8, 9.6, 20, 36. 15232 (35$^{''}$.5). 15246 (52$^{''}$.6).

No.	Name	Mag.	R. A. 1910	Prec. and Sec. Var.	Decl. 1910	Prec. and Sec. Var.	Epoch.	No. Obs.
		M	h m s	s s	° ′ ″	″ ″		
15251	12227	8.6	23 50 54.88	+3.1400−.0384	−51 52 23.2	+20.030+.010	10.0	4
15252	15679	8.4	51 1.10	+3.1143−.0231	−38 34 3.3	+20.031+.009	10.2	6
15253	10393	7.4	51 1.95	+3.1453−.0422	−54 19 10.1	+20.031+.009	9.7	4
15254	4938	7.3	51 25.80	+3.1722−.0620	−63 22 24.5	+20.032+.009	9.8	4
15255	10550	7.1*	51 26.09	+3.1395−.0404	−53 17 18.8	+20.032+.009	10.0	4
15256	6225	7.4	51 29.12	+3.0931−.0111	−22 29 36.4	+20.032+.008	10.3	5
15257	15200	8.3	51 29.75	+3.1135−.0239	−39 32 55.1	+20.032+.008	10.2	4
15258	760	8.1	51 42.06	+3.4962−.3322	−83 29 7.0	+20.033+.010	9.7	4
15259	16707	6.3	51 51.85	+3.0949−.0129	−25 14 18.7	+20.033+.008	9.8	4
15260	10184	8.2	51 53.33	+3.1432−.0452	−56 11 48.3	+20.033+.008	10.2	4
15261	19746	7.8	51 53.36	+3.0998−.0162	−30 0 37.9	+20.033+.007	10.1	4
15262	10185	8.1	51 54.27	+3.1425−.0449	−55 59 6.8	+20.033+.008	10.5	4
15263	10383	7.5	52 1.82	+3.1459−.0480	−57 38 57.5	+20.034+.007	10.2	4
15264	16527	7.9	52 2.40	+3.1153−.0269	−42 41 42.3	+20.034+.007	10.2	4
15265	16494	6.4	52 29.76	+3.0949−.0141	−27 7 30.6	+20.035+.006	10.0	4
15266	6500	6.6	52 32.60	+3.0895−.0104	−21 20 3.7	+20.035+.006	10.0	4
15267	4940	6.0	52 36.89	+3.1588−.0617	−63 27 29.3	+20.036+.006	9.9	4
15268	907	5.7	52 38.35*	+3.4062−.2811	−82 40 13.0*	+20.036+.008	9.8	8
15269	14812	7.8	52 39.20	+3.1178−.0311	−46 36 43.2	+20.036+.006	10.1	4
15270	6456	8.5	52 45.82	+3.1528−.0583	−62 15 48.0	+20.036+.006	10.3	4
15271	3817	8.4	52 49.38	+3.1677−.0707	−66 16 33.5	+20.036+.006	10.3	4
15272	15436	7.4*	52 50.06	+3.1042−.0217	−37 12 23.0	+20.036+.006	10.4	8
15273	4391	5.2	52 52.08*	+3.1609−.0656	−64 47 52.4*	+20.036+.006	9.7	8
15274	10121	10.0	52 59.45	+3.1325−.0440	−55 42 48.1	+20.037+.006	10.5	4
15275	16780	6.9	52 59.50	+3.0998−.0188	−33 41 25.9	+20.037+.005	10.2	4
15276	14088	8.5*	53 7.14	+3.1202−.0351	−49 54 4.3	+20.037+.005	9.9	4
15277	15210	7.0	53 20.41	+3.1045−.0236	−39 27 19.9	+20.038+.005	10.0	4
15278	10386	7.7	53 31.39	+3.1303−.0476	−57 41 53.7	+20.038+.004	10.1	4
15279	14090	8.2	53 35.96	+3.1180−.0360	−50 37 53.0	+20.038+.004	10.5	4
15280	4941	6.9	53 41.06	+3.1464−.0613	−63 30 19.6	+20.038+.004	10.0	4
15281	10389	6.7	53 51.00	+3.1294−.0476	−57 46 53.7	+20.039+.004	9.9	4
15282	15698	7.8	54 3.67	+3.1003−.0229	−38 43 35.5	+20.039+.003	9.8	4
15283	5996	5.1	54 3.98	+3.0750−.0006	− 4 3 19.3	+20.039+.003	9.9	4
15284	10561	5.1	54 16.19	+3.1173−.0397	−53 14 54.5	+20.040+.003	9.8	8
15285	10393	Var.	54 25.27	+3.1228−.0461	−57 4 34.9	+20.040+.003	10.2	4
15286	16545	6.3	54 31.17	+3.1020−.0266	−42 44 19.1	+20.040+.002	9.9	4
15287	3818	9.3	54 39.49	+3.1426−.0686	−66 1 24.4	+20.040+.002	10.1	4
15288	5227	4.0	54 41.32	+3.0691+.0049	+ 6 21 54.1	+20.041+.002	9.9	44,55
15289	19765	5.7	54 50.42	+3.0899−.0158	−29 59 10.1	+20.041+.002	10.2	4
15290	16506[1]	8.3	54 52.41	+3.0878−.0138	−27 1 31.1	+20.041+.002	10.3	4
15291	16506[2]	8.3	54 52.56	+3.0878−.0138	−27 1 41.5	+20.041+.001	10.3	4
15292	16548	7.8	54 56.27	+3.0998−.0266	−42 47 3.2	+20.041+.001	10.2	4
15293	17761	7.5*	54 56.85	+3.0911−.0174	−32 11 25.7	+20.041+.001	10.2	4
15294	16732	7.8	55 6.64	+3.0859−.0126	−25 8 45.8	+20.041+.001	10.4	4
15295	13735	7.4	55 7.61	+3.1082−.0368	−51 29 57.2	+20.041+.001	10.4	4
15296	3819	4.7	55 14.81*	+3.1350−.0685	−66 4 40.0*	+20.042+.001	9.9	14
15297	12237	8.2	55 23.27	+3.1074−.0380	−52 23 41.4	+20.042+.001	10.4	4
15298	13738	8.5	55 30.24	+3.1053−.0366	−51 22 9.1	+20.042+.000	10.5	4
15299	16128	8.5	55 32.40	+3.0917−.0207	−36 27 41.1	+20.042+.000	10.4	4
15300	15306	8.2	55 34.85	+3.0947−.0244	−40 41 34.3	+20.042+.000	10.6	4

15268S.P. $38^s.16$, $13''.4$, 9.3, 8.

15273S.P. $52^s.07$, $53''.4$, 9.9, 14.

15296S.P. $14^s.87$, $42''.0$, 9.9, 11.

No.	Name	Mag.	R. A. 1910	Prec. and Sec. Var.	Decl. 1910	Prec. and Sec. Var.	Epoch.	No. Obs.
		M	h m s	s s	° ′ ″	″ ″		
15301	16129	8.8	23 55 35.86	+3.0915-.0208	-36 29 38.1	+20.042+.000	10.4	4
15302	15420	6.2	55 40.88	+3.0975-.0285	-44 47 20.6	+20.042+.000	10.2	4
15303	15378	7.4	55 54.95	+3.0934-.0249	-41 11 28.9	+20.043-.000	10.4	4
15304	10565	6.5	55 55.90	+3.1047-.0397	-53 35 53.8	+20.043-.000	9.8	4
15305	13741	7.5	56 15.70	+3.0994-.0358	-50 56 51.2	+20.043-.001	9.9	4
15306	10137	10.5	56 21.21	+3.1038-.0432	-55 47 8.2	+20.043-.001	9.9	1
15307	14316	5.7	56 27.28	+3.0966-.0336	-49 18 39.6	+20.044-.002	10.0	4
15308	16560	7.8	56 29.79	+3.0912-.0259	-42 23 15.2	+20.044-.002	10.2	4
15309	16563	7.2	56 39.68	+3.0900-.0255	-41 59 16.4	+20.044-.002	10.2	4
15310	13743	5.4	56 42.70	+3.0961-.0356	-50 50 19.8	+20.044-.002	9.6	4
15311	18925	7.2*	56 44.59	+3.0832-.0152	-29 13 33.5	+20.044-.002	10.2	4
15312	4944	7.5	56 52.02	+3.1090-.0594	-63 25 28.6	+20.044-.002	10.5	4
15313	1596	4.7	56 59.05*	+3.1523-.1408	-77 33 45.1*	+20.044-.002	10.2	19
15314	15311	6.8	57 4.40	+3.0872-.0242	-40 38 58.1	+20.044-.003	9.6	4
15315	5749	5.2	57 12.68	+3.0735-.0001	- 3 31 42.3	+20.044-.003	9.8	4
15316	15469	7.0*	57 18.64	+3.0846-.0216	-37 43 48.1	+20.045-.003	9.9	8
15317	16567	7.8	57 18.83	+3.0867-.0255	-42 6 52.3	+20.045-.003	9.9	4
15318	6345	4.7	57 20.64	+3.0743-.0017	- 6 30 51.7	+20.045-.003	9.9	5
15319	15713	7.0	57 22.49	+3.0846-.0222	-38 24 8.3	+20.045-.003	10.7	4
15320	19790	5.0	57 43.17	+3.0803-.0158	-30 13 19.0	+20.045-.004	9.9	8
15321	8126	8.6	58 7.06	+3.0902-.0469	-58 8 4.2	+20.045-.005	10.2	4
15322	6792	7.9	58 24.93	+3.0893-.0531	-61 11 35.1	+20.046-.005	9.8	4
15323	17960	6.5	58 30.98	+3.0765-.0120	-24 38 47.1	+20.046-.006	9.8	4
15324	16766	8.0*	58 33.94	+3.0764-.0122	-25 5 23.5	+20.046-.006	10.0	4
15325	10210	9.6	58 39.95*	+3.0840-.0427	-55 54 23.7	+20.046-.006	10.2	4
15326	16150	7.0*	58 49.58	+3.0776-.0206	-36 45 8.9	+20.046-.006	9.9	4
15327	6417	4.6	59 7.83	+3.0742-.0078	-17 50 13.3	+20.046-.007	10.0	17,36
15328	8128	8.9	59 16.97	+3.0793-.0468	-58 19 48.4	+20.046-.007	9.9	4
15329	1050	7.8	59 27.90	+3.0920-.1869	-80 53 45.0	+20.046-.008	9.7	4
15330	19809	7.1	59 35.69	+3.0739-.0159	-30 38 10.4	+20.046-.008	10.1	4
15331	18950	6.5	59 44.06	+3.0734-.0152	-29 46 12.0	+20.046-.008	10.0	4
15332	19813	7.7*	59 46.79	+3.0733-.0153	-29 52 58.0	+20.046-.008	10.0	4
15333	2346	7.2	59 57.75	+3.0732-.0983	-73 23 51.7	+20.046-.008	9.8	4

15313 S.P. $59^s.12$, $44''.9$, 9.8, 12.

15325 $40^s.16$, $39^s.89$, $39^s.86$, $39^s.89$.

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